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ABSTRACT

A systematically-obtained list of doctoral programs in the 13 western states is presented, along with brief narratives of program content and emphasis and statistical data on student enrollment and the number of degrees awarded. Program data and descriptions were obtained from institutions and from statewide coordinating agencies. After data and program descriptions were reviewed by the coordinating agency and processed by the Western Interstate Commission on Higher Education, they were returned to the states and institutions for review and corrections. The inventory first presents a simple program index that lists each program and institution in subject order according to the HEGIS Taxonomy. In this inventory, only the following data are presented: HEGIS code, program name, state, institution name, and total number of programs for each HEGIS code. The second inventory presented adds statistical information on each program and a brief program description. The programs are again listed by HEGIS code. This listing includes the following information: name of program; institution; program description; number of earned masters and doctoral degrees conferred for each year from 1973-1974 through 1977-1978; full-time and part-time graduate enrollment for 1977-1978; mandatory ceiling on enrollment, and whether the ceiling level had been reached as of May 1979. (SC)

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Inventory of Doctoral Programs In the Western United States

June 1979

U.S. DEPARTMENT OF HEALTH
EDUCATION & WELFARE
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Project on Expanding
Regional Cooperation
In Graduate and
Professional Education

WICHE
Improving Education In The West

WICHE

Improving Education In The West

WICHE, the Western Interstate Commission for Higher Education, is a public regional organization. It helps the thirteen member states cooperatively provide high-quality, cost-effective programs to meet the education and manpower needs of the West. WICHE's Project on Expanding Regional Cooperation in Graduate and Professional Education is supported by a two-year grant from the Carnegie Corporation of New York and by WICHE state dues through its Student Exchange Program.

P.O. Drawer P Boulder, Colorado 80302
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Inventory of Doctoral Programs In the Western United States

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PROJECT ON EXPANDING REGIONAL COOPERATION IN GRADUATE AND PROFESSIONAL EDUCATION

This *Inventory* is a publication of the WICHE Project on Expanding Regional Cooperation in Graduate and Professional Education. The project encourages resource sharing in graduate and professional education in the West by providing information about these programs in the region and establishing specific demonstration projects in six western states. The project seeks to improve the effectiveness and efficiency of graduate education in the West by helping higher education decision makers to plan for the future from a regional perspective. The graduate education project is supported by a two-year grant from the Carnegie Corporation of New York and by state dues through WICHE's Student Exchange Program.

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INTRODUCTION

The *Inventory of Doctoral Programs in the Western United States* represents another step in WICHE's effort to provide information useful to persons in higher education at the institutional, governing-board, and state levels. The *Inventory* should also be useful to students or prospective students, college faculty, and counselors for placement or career planning. The *Inventory* contains a systematically-obtained list of doctoral programs in the thirteen western states, along with brief narratives of program content and emphasis, and statistical data on student enrollment and the number of degrees awarded.

Development of the *Inventory*

Development and field review of the *Inventory* format and proposed content began in February 1978. Final decisions concerning the format and content of the *Inventory* were made in June 1978 and initial data collection began in July.

The programs inventoried are ordered according to the HEGIS *Taxonomy* (*A Taxonomy of Instructional Programs in Higher Education*, Washington, D.C.: National Center for Education Statistics, 1970). The *Taxonomy* was chosen because it represents a widely-used, uniform method for coding and reporting program-related information, especially enrollments and earned degrees conferred.

The HEGIS *Taxonomy*

Though the HEGIS *Taxonomy* has several limitations which should not be overlooked, these are outweighed by its virtually universal acceptance and wide use by the higher education community. Perhaps the greatest problem confronting the user of the *Taxonomy* is that different institutions may classify essentially similar programs under different discipline titles. This is especially true in the sciences, engineering, and education. Also, several institutions report all programs in a broad field under the general heading for that field, such as 0801--Education, or 0901--Engineering. However, the *Taxonomy* does encourage the grouping of programs under a uniform set of headings as follows:

0100 AGRICULTURE and NATURAL RESOURCES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the production of food and management of natural fiber, plant, forest, and wildlife resources.

0101 Agriculture, general
0102 Agronomy (field crops, and crop management)
0103 Soils science (management and conservation)
0104 Animal science (husbandry)
0105 Dairy science (husbandry)
0106 Poultry science
0107 Fish, game, and wildlife management
0108 Horticulture (fruit and vegetable production)
0109 Ornamental horticulture (floriculture, nursery science)
0110 Agricultural and farm management
0111 Agricultural economics
0112 Agricultural business
0113 Food science and technology
0114 Forestry
0115 Natural resources management
0116 Agriculture and forestry technologies (baccalaureate and higher programs)
0117 Range management
0199 Other, specify

0200 ARCHITECTURE and ENVIRONMENTAL DESIGN

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with training for a profession in designing buildings, communities, parks, and other manmade aspects of the physiosocial environment.

0201 Environmental design, general
0202 Architecture
0203 Interior design
0204 Landscape architecture
0205 Urban architecture
0206 City, community, and regional planning
0299 Other, specify

0300 AREA STUDIES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with programs designed to study cultures indigenous to specific geographic regions.

0301 Asian studies, general
0302 East Asian studies
0303 South Asian (India, etc.) studies
0304 Southeast Asian studies
0305 African studies
0306 Islamic studies
0307 Russian and Slavic studies
0308 Latin American studies
0309 Middle Eastern studies
0310 European studies, general
0311 Eastern European studies
0312 West European studies
0313 American studies
0314 Pacific area studies
0399 Other, specify

0400 BIOLOGICAL SCIENCES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the science of life or living matter in all its forms and phenomena especially with regard to the origin, growth, reproduction, and structure of life forms,

0401 Biology, general
0402 Botany, general
0403 Bacteriology
0404 Plant pathology
0405 Plant pharmacology
0406 Plant physiology
0407 Zoology, general
0408 Pathology, human and animal
0409 Pharmacology, human and animal
0410 Physiology, human and animal

0411	Microbiology
0412	Anatomy
0413	Histology
0414	Biochemistry
0415	Biophysics
0416	Molecular biology
0417	Cell biology (cytology, cell physiology)
0418	Marine biology
0419	Biometrics and biostatistics
0420	Ecology
0421	Entomology
0422	Genetics
0423	Radiobiology
0424	Nutrition, scientific (excludes nutrition in home economics and dietetics)
0425	Neurosciences
0426	Toxicology
0427	Embryology
0499	Other, specify

0500 BUSINESS and MANAGEMENT

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. related to the organization, operation, administration, and control of private and public organizations.

0501	Business and commerce, general
0502	Accounting
0503	Business statistics
0504	Banking and finance
0505	Investments and securities
0506	Business management and administration
0507	Operations research
0508	Hotel and restaurant management
0509	Marketing and purchasing
0510	Transportation and public utilities
0511	Real estate
0512	Insurance
0513	International business
0514	Secretarial studies (baccalaureate and higher programs)
0515	Personnel management
0516	Labor and industrial relations
0517	Business economics
0599	Other, specify

0600 COMMUNICATIONS

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. related to collection, preparation, and presentation of ideas and information intended for popular consumption through mass media.

0601	Communications, general
0602	Journalism (printed media)
0603	Radio/television
0604	Advertising
0605	Communication media (use of videotape, films, etc., oriented specifically toward radio/television)
0699	Other, specify

0700 COMPUTER and INFORMATION SCIENCES

Subject field designations which characterize students, faculty, facilities, degree programs, course work, research projects, etc. having to do with the design, development, and application of computer capabilities to data storage and manipulation and related computational procedures.

0701	Computer and information sciences, general
0702	Information sciences and systems
0703	Data processing
0704	Computer programming
0705	Systems analysis
0799	Other, specify

0800 EDUCATION

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. related to administration and control of educational organizations and institutions and subjects related to instruction and services both within and outside of such formal organizations.

0801	Education, general
0802	Elementary education, general
0803	Secondary education, general
0804	Junior high school education
0805	Higher education, general
0806	Junior and community college education
0807	Adult and continuing education
0808	Special education, general
0809	Administration of special education
0810	Education of the mentally retarded
0811	Education of the gifted
0812	Education of the deaf
0813	Education of the culturally disadvantaged
0814	Education of the visually handicapped
0815	Speech correction
0816	Education of the emotionally disturbed
0817	Remedial education
0818	Special learning disabilities
0819	Education of the physically handicapped
0820	Education of the multiple handicapped
0821	Social foundations (history and philosophy of education)
0822	Educational psychology (include learning theory)
0823	Pre-elementary education (kindergarten)
0824	Educational statistics and research
0825	Educational testing, evaluation and measurement
0826	Student personnel (counseling and guidance)
0827	Educational administration
0828	Educational supervision
0829	Curriculum and instruction
0830	Reading education (methodology and theory)
0831	Art education (methodology and theory)
0832	Music education (methodology and theory)
0833	Mathematics education (methodology and theory)
0834	Science education (methodology and theory)
0835	Physical education
0836	Driver and safety education
0837	Health education (include family life education)
0838	Business, commerce, and distributive education
0839	Industrial arts, vocational, and technical education
0899	Other, specify

0900 ENGINEERING

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the practical application of basic scientific knowledge to the design, production, and operation of systems intended to facilitate man's control and use of his natural environment.

0901	Engineering, general
0902	Aerospace, aeronautical and astronautical engineering
0903	Agricultural engineering
0904	Architectural engineering
0905	Bioengineering and biomedical engineering
0906	Chemical engineering (include petroleum refining)
0907	Petroleum engineering (exclude petroleum refining)
0908	Civil, construction, and transportation engineering
0909	Electrical, electronics, and communications engineering
0910	Mechanical engineering
0911	Geological engineering
0912	Geophysical engineering
0913	Industrial and management engineering

0914	Metallurgical engineering
0915	Materials engineering
0916	Ceramic engineering
0917	Textile engineering
0918	Mining and mineral engineering
0919	Engineering physics
0920	Nuclear engineering
0921	Engineering mechanics
0922	Environmental and sanitary engineering
0923	Naval architecture and marine engineering
0924	Ocean engineering
0925	Engineering technologies (baccalaureate and higher programs)
0999	Other, specify

1000 FINE and APPLIED ARTS

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the creation and appreciation of the diverse modes of communicating ideas and emotions by means of stylized, visual, and non-visual representations and symbols.

1001	Fine arts, general
1002	Art (painting, drawing, sculpture)
1003	Art history and appreciation
1004	Music (performing, composition, theory)
1005	Music (liberal arts program)
1006	Music history and appreciation (musicology)
1007	Dramatic arts
1008	Dance
1009	Applied design (ceramics, weaving, textile design, fashion design, jewelry, metalsmithing, interior decoration, commercial art)
1010	Cinematography
1011	Photography
1099	Other, specify

1100 FOREIGN LANGUAGES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. related to mastery of a language other than English or related to the study of a foreign culture through exploration of the literature of that culture as expressed in the vernacular language.

1101	Foreign languages, general (includes concentration on more than one foreign language without major emphasis on one language)
1102	French
1103	German
1104	Italian
1105	Spanish
1106	Russian
1107	Chinese
1108	Japanese
1109	Latin
1110	Greek, classical
1111	Hebrew
1112	Arabic
1113	Indian (Asiatic)
1114	Scandinavian languages
1115	Slavic languages (other than Russian)
1116	African languages (non-Semitic)
1199	Other, specify

1200 HEALTH PROFESSIONS

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the maintenance and restoration of physical and mental health.

1201	Health professions, general
1202	Hospital and health care administration
1203	Nursing (baccalaureate and higher programs)
1204	Dentistry, D.D.S. or D.M.D. degree
1205	Dental specialties (work beyond first-professional degree, D.D.S. or D.M.D.)
1206	Medicine, M.D. degree
1207	Medical specialties (work beyond first-professional degree, M.D.)
1208	Occupational therapy
1209	Optometry
1210	Osteopathic medicine, D.O. degree
1211	Pharmacy
1212	Physical therapy
1213	Dental hygiene (baccalaureate and higher programs)
1214	Public health
1215	Medical record librarianship
1216	Podiatry (Pod.D. or D. P.) or podiatric medicine (D.P.M.)
1217	Biomedical communication
1218	Veterinary medicine (D.V.M. degree)
1219	Veterinary medicine specialties (work beyond first-professional degree, D.V.M.)
1220	Speech pathology and audiology
1221	Chiropractic
1222	Clinical social work (medical and psychiatric and specialized rehabilitation services)
1223	Medical laboratory technologies (baccalaureate and higher programs)
1224	Dental technologies (baccalaureate and higher programs)
1225	Radiologic technologies (baccalaureate and higher programs)
1299	Other, specify

1300 HOME ECONOMICS

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the theory and practice of family and home care including the science of foods, home decoration and management, and child care.

1301	Home economics, general
1302	Home decoration and home equipment
1303	Clothing and textiles
1304	Consumer economics and home management
1305	Family relations and child development
1306	Foods and nutrition (include dietetics)
1307	Institutional management and cafeteria management
1399	Other, specify

1400 LAW

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with instruction in the legal customs, practices, and rules of society and states for the purpose of pursuing a career in jurisprudence.

1401	Law, general
1499	Other, specify

1500 LETTERS

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with English language and literature and value systems related to ancient and modern cultures.

1501	English, general
1502	Literature, English
1503	Comparative literature
1504	Classics
1505	Linguistics (include phonetics, semantics, and philology)

1506 Speech, debate, and forensic science (rhetoric and public address)
1507 Creative writing
1508 Teaching of English as a foreign language
1509 Philosophy
1510 Religious studies (exclude theological professions)
1599 Other, specify

1600 LIBRARY SCIENCE

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with instruction in the professional skills required to organize collections of books and related materials and the training necessary for providing services related to them.

1601 Library science, general
1699 Other, specify

1700 MATHEMATICS

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the science of numbers and space configurations and their operations measurement, relationships, and abstractions.

1701 Mathematics, general
1702 Statistics, mathematical and theoretical
1703 Applied mathematics
1799 Other, specify

1800 MILITARY SCIENCES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with techniques and skills unique to the pursuit of a professional career as a military officer.

1801 Military science (Army)
1802 Naval science (Navy, Marines)
1803 Aerospace science (Air Force)
1899 Other, specify

1900 PHYSICAL SCIENCES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the basic nature of matter, energy, and associated phenomena.

1901 Physical sciences, general
1902 Physics, general (exclude biophysics)
1903 Molecular physics
1904 Nuclear physics
1905 Chemistry, general (exclude biochemistry)
1906 Inorganic chemistry
1907 Organic chemistry
1908 Physical chemistry
1909 Analytical chemistry
1910 Pharmaceutical chemistry
1911 Astronomy
1912 Astrophysics
1913 Atmospheric sciences and meteorology
1914 Geology
1915 Geochemistry
1916 Geophysics and seismology
1917 Earth sciences, general
1918 Paleontology
1919 Oceanography
1920 Metallurgy
1999 Other, specify

2000 PSYCHOLOGY

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with behavioral and mental processes.

2001 Psychology, general
2002 Experimental psychology (animal and human)
2003 Clinical psychology
2004 Psychology for counseling
2005 Social psychology
2006 Psychometrics
2007 Statistics in psychology
2008 Industrial psychology
2009 Developmental psychology
2010 Physiological psychology
2099 Other, specify

2100 PUBLIC AFFAIRS and SERVICES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. related to developing and improving competencies in the management and operation of governmental agencies.

2101 Community services, general
2102 Public administration
2103 Parks and recreation management
2104 Social work and helping services (other than clinical social work)
2105 Law enforcement and corrections (baccalaureate and higher programs)
2106 International public service (other than diplomatic service)
2199 Other, specify

2200 SOCIAL SCIENCES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with all aspects of the past and present activities, conduct, interactions, and organizations of humans.

2201 Social sciences, general
2202 Anthropology
2203 Archaeology
2204 Economics
2205 History
2206 Geography
2207 Political science and government
2208 Sociology
2209 Criminology
2210 International relations
2211 Afro-American (black culture) studies
2212 American Indian cultural studies
2213 Mexican-American cultural studies
2214 Urban studies
2215 Demography
2299 Other, specify

2300 THEOLOGY

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. related to preparation and training for a religious vocation.

2301 Theological professions, general
2302 Religious music
2303 Biblical languages
2304 Religious education
2399 Other, specify

4900 INTERDISCIPLINARY STUDIES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. involving more than one major discipline without primary concentration in any one area.

4901 General liberal arts and sciences
4902 Biological and physical sciences
4903 Humanities and social sciences
4904 Engineering and other disciplines
4999 Other, specify

Program Data and Descriptions

Program data and descriptions were obtained from institutions and from statewide coordinating agencies. A staff member at the coordinating agency in twelve of the thirteen states assisted in distributing data collection forms to each institution in that state, and a staff member in all thirteen states assisted in reviewing the data collected. After the data and program descriptions were received and processed by WICHE, they were returned to the states and institutions for review and corrections. These corrected data appear in this document.

Using the *Inventory*

The *Inventory* is divided into two sections. The first section is a simple program index that lists each program and institution in subject order according to the HEGIS *Taxonomy*. The second section adds statistical information on each program and a brief program description. Programs are arrayed in the order of the *Taxonomy* beginning with 0101 (Agriculture) and ending with 4999 (Interdisciplinary Studies).

In section two, the entry for each program contains the HEGIS code; the name of the program and the institution; master's and doctoral degrees conferred; graduate enrollment; and information on whether the program has a ceiling on enrollment and whether that limit has been reached. An affirmative response to this question does not imply that new students are not being admitted, but that the program will not increase its total enrollment and that new students will be admitted only as vacancies occur due to graduation or attrition.

Because different institutions classify similar programs under different categories, the user is advised to consult listings in cognate disciplines in order to discover all programs of potential interest. Also, in fields such as education and engineering, programs listed under 0801--Education and 0901--Engineering may include information about specific fields which are listed under specific subject areas in the *Inventory*. No taxonomic scheme can avoid all overlaps. When seeking information on programs in a specific field or discipline, therefore, the user should consider alternative listings.

The intent of this *Inventory* is to increase the amount of information available for planning at the state, institutional, and individual levels. The data contained herein may not be complete enough for all purposes. However, they should be useful as a beginning point for more extensive investigation. The data have been reviewed by representatives of each institution and each of the thirteen western states. Any errors in this *Inventory* are the responsibility of WICHE.

WICHE will revise and update this *Inventory* every fall and will distribute the revised version in January of each year, beginning in 1980.

Please address questions or comments to:

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Additional copies of this document are available at a cost of $2.50 each (prepaid) from WICHE's Publications Secretary. Ask for the *Inventory of Doctoral Programs in the Western United States: June 1979*, No. 2A54.

PART I

DOCTORAL PROGRAM INDEX

PROGRAM INDEX TO WICHE
INVENTORY OF DOCTORAL DEGREE PROGRAMS
IN THE WESTERN UNITED STATES

HEGIS CODE	PROGRAM	STATE	INSTITUTION	PROGRAMS
0101	AGRICULTURE	CALIFORNIA	U OF CAL DAVIS	
0101				1
0102	AGRONOMY	ARIZONA	UNIVERSITY OF ARIZONA	
		COLORADO	COLORADO STATE UNIVERSITY	
		HAWAII	U OF HAWAII AT MANOA	
		NEW MEXICO	NM STATE U MAIN CAMPUS	
		OREGON	OREGON STATE UNIVERSITY	
		WASHINGTON	WASHINGTON ST UNIVERSITY	
		WYOMING	UNIVERSITY OF WYOMING	
0102				7
0103	SOILS SCIENCE	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U OF CAL RIVERSIDE	
		IDAHO	UNIVERSITY OF IDAHO	
		MONTANA	MONTANA STATE UNIVERSITY	
		OREGON	OREGON STATE UNIVERSITY	
		UTAH	UTAH STATE UNIVERSITY	
		WASHINGTON	WASHINGTON ST UNIVERSITY	
0103				9
0104	ANIMAL SCIENCE	ARIZONA	UNIVERSITY OF ARIZONA	
		COLORADO	COLORADO STATE UNIVERSITY	
		NEW MEXICO	NM STATE U MAIN CAMPUS	
		OREGON	OREGON STATE UNIVERSITY	
		UTAH	UTAH STATE UNIVERSITY	
		WASHINGTON	WASHINGTON ST UNIVERSITY	
		WYOMING	UNIVERSITY OF WYOMING	
0104				7
0106	POULTRY SCIENCE	OREGON	OREGON STATE UNIVERSITY	
0106				1
0107	WILDLIFE MANAGEMENT	ARIZONA	UNIVERSITY OF ARIZONA	
		COLORADO	COLORADO STATE UNIVERSITY	
		MONTANA	MONTANA STATE UNIVERSITY	
		OREGON	OREGON STATE UNIVERSITY	
		UTAH	UTAH STATE UNIVERSITY	
0107				5
0108	HORTICULTURE	ARIZONA	UNIVERSITY OF ARIZONA	
		COLORADO	COLORADO STATE UNIVERSITY	
		HAWAII	U OF HAWAII AT MANOA	
		OREGON	OREGON STATE UNIVERSITY	
		WASHINGTON	WASHINGTON ST UNIVERSITY	

PROGRAM INDEX TO WICHE
INVENTORY OF DOCTORAL DEGREE PROGRAMS
IN THE WESTERN UNITED STATES

HEGIS CODE	PROGRAM	STATE	INSTITUTION	PROGRAMS
0108				5
0111	AGRICULTURE ECONOMICS	CALIFORNIA	STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL DAVIS	
		COLORADO	COLORADO STATE UNIVERSITY	
		HAWAII	U OF HAWAII AT MANOA	
		MONTANA	MONTANA STATE UNIVERSITY	
		OREGON	OREGON STATE UNIVERSITY	
		WASHINGTON	WASHINGTON ST UNIVERSITY	
0111				8
0113	FOOD SCIENCE	OREGON	OREGON STATE UNIVERSITY	
		UTAH	UTAH STATE UNIVERSITY	
		WASHINGTON	WASHINGTON ST UNIVERSITY	
0113				3
0114	FORESTRY	CALIFORNIA	U OF CAL BERKELEY	
		COLORADO	COLORADO STATE UNIVERSITY	
		IDAHO	UNIVERSITY OF IDAHO	
		MONTANA	UNIVERSITY OF MONTANA	
		OREGON	OREGON STATE UNIVERSITY	
		UTAH	UTAH STATE UNIVERSITY	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
0114				7
0115	RESOURCES MANAGEMENT	CALIFORNIA	U OF CAL BERKELEY	
		UTAH	UTAH STATE UNIVERSITY	
0115				2
0116	AGRICULTURE AND FORESTRY	CALIFORNIA	U OF CAL BERKELEY	
0116				1
0117	RANGE MANAGEMENT	ARIZONA	UNIVERSITY OF ARIZONA	
		COLORADO	COLORADO STATE UNIVERSITY	
		OREGON	OREGON STATE UNIVERSITY	
		UTAH	UTAH STATE UNIVERSITY	
		WYOMING	UNIVERSITY OF WYOMING	
0117				5
0150	PLANT SCIENCE	IDAHO	UNIVERSITY OF IDAHO	
		UTAH	UTAH STATE UNIVERSITY	
0150				2
0175	FISHERIES	WASHINGTON	UNIVERSITY OF WASHINGTON	

HEGIS CODE	PROGRAM	STATE	INSTITUTION	PROGRAMS
0175				1
0199	OTHER AGRICULTURE	ALASKA	U OF ALASKA FAIRBANKS	
		ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	U OF CAL BERKELEY	
		WYOMING	UNIVERSITY OF WYOMING	
0199				5
0202	ARCHITECTURE	CALIFORNIA	U OF CAL BERKELEY	
0202				1
0206	URBAN PLANNING	CALIFORNIA	U OF CAL BERKELEY	
			U OF SOUTHERN CALIFORNIA	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
0206				3
0299	OTHER ENVIR DESIGN	CALIFORNIA	U OF CAL LOS ANGELES	
0299				1
0301	ASIAN STUDIES	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	U OF CAL BERKELEY	
			CAL INST OF ASIAN STUDIES	
0301				3
0304	SOUTHEAST ASIAN STUDIES	CALIFORNIA	U OF CAL BERKELEY	
			CAL INST OF ASIAN STUDIES	
0304				2
0306	ISLAMIC STUDIES	CALIFORNIA	U OF CAL LOS ANGELES	
0306				1
0308	LATIN AMERICAN STUDIES	CALIFORNIA	U OF CAL BERKELEY	
0308				1
0309	MIDDLE EASTERN STUDIES	CALIFORNIA	U OF CAL BERKELEY	
0309				1
0313	AMERICAN STUDIES	HAWAII	U OF HAWAII AT MANOA	
		NEW MEXICO	U OF NM MAIN CAMPUS	
		WASHINGTON	WASHINGTON ST UNIVERSITY	
0313				3

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0399	OTHER AREA STUDIES	CALIFORNIA	U OF CAL LOS ANGELES	
0399				1
0401	BIOLOGY	ALASKA	U OF ALASKA FAIRBANKS	
		ARIZONA	NORTHERN ARIZ UNIVERSITY	
			UNIVERSITY OF ARIZONA	
		CALIFORNIA	CAL INST OF TECHNOLOGY	
			LOMA LINDA UNIVERSITY	
			STANFORD UNIVERSITY	
			U OF CAL IRVINE	
			U OF CAL LOS ANGELES	
			U OF CAL RIVERSIDE	
			U OF CAL SAN DIEGO	
			U OF CAL SANTA BARBARA	
			U OF CAL SANTA CRUZ	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	U OF NORTHERN COLORADO	
			UNIVERSITY OF COLORADO	
		IDAHO	IDAHO STATE UNIVERSITY	
		NEVADA	U OF NEVADA RENO	
		NEW MEXICO	NM STATE U MAIN CAMPUS	
			U OF NM MAIN CAMPUS	
		OREGON	U OF OREGON MAIN CAMPUS	
		UTAH	UNIVERSITY OF UTAH	
			UTAH STATE UNIVERSITY	
0401				22
0402	BOTANY	ARIZONA	ARIZONA STATE UNIVERSITY	
			UNIVERSITY OF ARIZONA	
		CALIFORNIA	CLAREMONT GRADUATE SCHOOL	
			U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U OF CAL RIVERSIDE	
		COLORADO	COLORADO STATE UNIVERSITY	
		HAWAII	U OF HAWAII AT MANOA	
		IDAHO	UNIVERSITY OF IDAHO	
		MONTANA	MONTANA STATE UNIVERSITY	
			UNIVERSITY OF MONTANA	
		OREGON	OREGON STATE UNIVERSITY	
		UTAH	BRIGHAM YOUNG U MAIN CAM	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
			WASHINGTON ST UNIVERSITY	
		WYOMING	UNIVERSITY OF WYOMING	
0402				16
0403	BACTERIOLOGY	CALIFORNIA	U OF CAL BERKELEY	
		IDAHO	UNIVERSITY OF IDAHO	
		WASHINGTON	WASHINGTON ST UNIVERSITY	

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0403				3
0404	PLANT PATHOLOGY	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U OF CAL RIVERSIDE	
		MONTANA	MONTANA STATE UNIVERSITY	
		WASHINGTON	WASHINGTON ST UNIVERSITY	
		WYOMING	UNIVERSITY OF WYOMING	
0404				7
0406	PLANT PHYSIOLOGY	CALIFORNIA	U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U OF CAL RIVERSIDE	
0406				3
0407	ZOOLOGY GENERAL	ARIZONA	ARIZONA STATE UNIVERSITY	
			UNIVERSITY OF ARIZONA	
		CALIFORNIA	U OF CAL BERKELEY	
			U OF CAL DAVIS	
		COLORADO	COLORADO STATE UNIVERSITY	
		HAWAII	U OF HAWAII AT MANOA	
		IDAHO	UNIVERSITY OF IDAHO	
		MONTANA	MONTANA STATE UNIVERSITY	
			UNIVERSITY OF MONTANA	
		OREGON	OREGON STATE UNIVERSITY	
		UTAH	BRIGHAM YOUNG U MAIN CAM	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
			WASHINGTON ST UNIVERSITY	
		WYOMING	UNIVERSITY OF WYOMING	
0407				14
0408	PATHOLOGY	CALIFORNIA	U OF CAL DAVIS	
			U CAL SAN FRISCO MEDL CTR	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	COLORADO STATE UNIVERSITY	
			UNIVERSITY OF COLORADO	
		OREGON	U OF OREGON HLTH SCI CTR	
		UTAH	UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
0408				8
0409	PHARMACOLOGY	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	LOMA LINDA UNIVERSITY	
			STANFORD UNIVERSITY	
			U OF CAL IRVINE	
			U OF CAL LOS ANGELES	
			U CAL SAN FRISCO MEDL CTR	
			U OF SOUTHERN CALIFORNIA	

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0409	PHARMACOLOGY	CALIFORNIA	UNIVERSITY OF THE PACIFIC	
		COLORADO	UNIVERSITY OF COLORADO	
		HAWAII	U OF HAWAII AT MANOA	
		OREGON	U OF OREGON HLTH SCI CTR	
		UTAH	UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
0409				13
0410	PHYSIOLOGY	ALASKA	U OF ALASKA FAIRBANKS	
		ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	LOMA LINDA UNIVERSITY	
			STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U OF CAL LOS ANGELES	
			U CAL SAN FRISCO MEDL CTR	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	COLORADO STATE UNIVERSITY	
			UNIVERSITY OF COLORADO	
		HAWAII	U OF HAWAII AT MANOA	
		OREGON	U OF OREGON HLTH SCI CTR	
		UTAH	UNIVERSITY OF UTAH	
0410				14
0411	MICROBIOLOGY	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	LOMA LINDA UNIVERSITY	
			STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U OF CAL LOS ANGELES	
			U CAL SAN FRISCO MEDL CTR	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	COLORADO STATE UNIVERSITY	
			UNIVERSITY OF COLORADO	
		HAWAII	U OF HAWAII AT MANOA	
		MONTANA	MONTANA STATE UNIVERSITY	
			UNIVERSITY OF MONTANA	
		OREGON	OREGON STATE UNIVERSITY	
			U OF OREGON HLTH SCI CTR	
		UTAH	BRIGHAM YOUNG U MAIN CAM	
			UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
0411				18
0412	ANATOMY	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	LOMA LINDA UNIVERSITY	
			STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U OF CAL LOS ANGELES	

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0412	ANATOMY	CALIFORNIA	U CAL SAN FRISCO MEDL CTR	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	COLORADO STATE UNIVERSITY	
			UNIVERSITY OF COLORADO	
		OREGON	U OF OREGON HLTH SCI CTR	
		UTAH	UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
0412				13
0414	BIOCHEMISTRY	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	LOMA LINDA UNIVERSITY	
			STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U OF CAL LOS ANGELES	
			U OF CAL RIVERSIDE	
			U CAL SAN FRISCO MEDL CTR	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	COLORADO STATE UNIVERSITY	
			UNIVERSITY OF COLORADO	
		HAWAII	U OF HAWAII AT MANOA	
		IDAHO	UNIVERSITY OF IDAHO	
		MONTANA	MONTANA STATE UNIVERSITY	
		NEVADA	U OF NEVADA RENO	
		OREGON	OREGON STATE UNIVERSITY	
			U OF OREGON HLTH SCI CTR	
		UTAH	UNIVERSITY OF UTAH	
			UTAH STATE UNIVERSITY	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
			WASHINGTON ST UNIVERSITY	
		WYOMING	UNIVERSITY OF WYOMING	
0414				22
0415	BIOPHYSICS	CALIFORNIA	STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U CAL SAN FRISCO MEDL CTR	
		COLORADO	UNIVERSITY OF COLORADO	
		HAWAII	U OF HAWAII AT MANOA	
		UTAH	UNIVERSITY OF UTAH	
0415				7
0416	MOLECULAR BIOLOGY	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	U OF CAL BERKELEY	
			U OF CAL LOS ANGELES	
		COLORADO	UNIVERSITY OF COLORADO	
0416				4
0417	CELL BIOLOGY	ARIZONA	UNIVERSITY OF ARIZONA	

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HEGIS CODE	PROGRAM	STATE	INSTITUTION	PROGRAMS
0417	CELL BIOLOGY	CALIFORNIA	U OF SOUTHERN CALIFORNIA	
0417				2
0419	BIOMETRICS	CALIFORNIA	U OF CAL BERKELEY	
			U OF CAL LOS ANGELES	
			U OF SOUTHERN CALIFORNIA	
		HAWAII	U OF HAWAII AT MANOA	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
0419				5
0420	ECOLOGY	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	SAN DIEGO STATE U	
			U OF CAL DAVIS	
0420				3
0421	ENTOMOLOGY	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U OF CAL RIVERSIDE	
		HAWAII	U OF HAWAII AT MANOA	
		IDAHO	UNIVERSITY OF IDAHO	
		MONTANA	MONTANA STATE UNIVERSITY	
		OREGON	OREGON STATE UNIVERSITY	
		WASHINGTON	WASHINGTON ST UNIVERSITY	
		WYOMING	UNIVERSITY OF WYOMING	
0421				10
0422	GENETICS	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	SAN DIEGO STATE U	
			STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U OF CAL RIVERSIDE	
		HAWAII	U OF HAWAII AT MANOA	
		MONTANA	MONTANA STATE UNIVERSITY	
		OREGON	OREGON STATE UNIVERSITY	
			U OF OREGON HLTH SCI CTR	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
			WASHINGTON ST UNIVERSITY	
0422				12
0423	RADIOBIOLOGY	COLORADO	COLORADO STATE UNIVERSITY	
0423				1
0424	NUTRITION	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	U OF CAL BERKELEY	
		WASHINGTON	WASHINGTON ST UNIVERSITY	

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HEGIS CODE	PROGRAM	STATE	INSTITUTION	PROGRAMS
0424				3
0425	NEUROSCIENCES	CALIFORNIA	STANFORD UNIVERSITY	
			U OF CAL LOS ANGELES	
			U OF CAL SAN DIEGO	
			U CAL SAN FRISCO MEDL CTR	
0425				4
0426	TOXICOLOGY	UTAH	UTAH STATE UNIVERSITY	
0426				1
0427	EMBRYOLOGY	HAWAII	U OF HAWAII AT MANOA	
0427				1
0428	CELLULAR & MOLECULLAR BIOLOGY	CALIFORNIA	U OF SOUTHERN CALIFORNIA	
0428				1
0475	PHYSIOLOGY AND BIOPHYSICS	WASHINGTON	UNIVERSITY OF WASHINGTON	
0475				1
0497	PHARMACOLOGY & TOXICOLOGY	CALIFORNIA	U OF CAL DAVIS	
0497				1
0498	ENDOCRINOLOGY	CALIFORNIA	U OF CAL DAVIS	
0498				1
0499	OTHER BIOLOGY	CALIFORNIA	STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL LOS ANGELES	
			U OF CAL RIVERSIDE	
			U OF CAL SAN DIEGO	
			U CAL SAN FRISCO MEDL CTR	
		HAWAII	U OF HAWAII AT MANOA	
		MONTANA	MONTANA STATE UNIVERSITY	
		UTAH	UNIVERSITY OF UTAH	
		WASHINGTON	WASHINGTON ST UNIVERSITY	
0499				10
0501	BUSINESS	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	UNIVERSITY OF SANTA CLARA	
			U OF SOUTHERN CALIFORNIA	
0501				3

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0502	ACCOUNTING	CALIFORNIA	U OF SOUTHERN CALIFORNIA	
		OREGON	U OF OREGON MAIN CAMPUS	
0502				2
0503	BUSINESS STATISTICS	CALIFORNIA	U OF SOUTHERN CALIFORNIA	
		WYOMING	UNIVERSITY OF WYOMING	
0503				2
0504	BANKING AND FINANCE	CALIFORNIA	U OF SOUTHERN CALIFORNIA	
		OREGON	U OF OREGON MAIN CAMPUS	
0504				2
0506	BUSINESS ADMINISTRATION	ARIZONA	ARIZONA STATE UNIVERSITY	
		CALIFORNIA	CLAREMONT GRADUATE SCHOOL	
			GOLDEN GATE UNIVERSITY	
			PACIFIC STATES UNIVERSITY	
			STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL IRVINE	
			U OF CAL LOS ANGELES	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	UNIVERSITY OF COLORADO	
		NEW MEXICO	U OF NM MAIN CAMPUS	
		UTAH	UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
0506				13
0507	OPERATIONS RESEARCH	CALIFORNIA	STANFORD UNIVERSITY	
0507				1
0509	MARKETING AND PURCHASING	CALIFORNIA	U OF SOUTHERN CALIFORNIA	
		OREGON	U OF OREGON MAIN CAMPUS	
0509				2
0515	PERSONNEL MANAGEMENT	OREGON	U OF OREGON MAIN CAMPUS	
0515				1
0517	BUSINESS ECONOMICS	CALIFORNIA	CLAREMONT GRADUATE SCHOOL	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	COLORADO SCHOOL OF MINES	
		WYOMING	UNIVERSITY OF WYOMING	
0517				4
0601	COMMUNICATIONS	CALIFORNIA	STANFORD UNIVERSITY	
			U OF SOUTHERN CALIFORNIA	

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0601	COMMUNICATIONS	COLORADO	UNIVERSITY OF COLORADO	
		UTAH	UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
0601				5
0606	COMMUNICATION THEORY & RESRCH	CALIFORNIA	U OF SOUTHERN CALIFORNIA	
0606				1
0701	COMPUTER SCIENCES	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U OF CAL IRVINE	
			U OF CAL LOS ANGELES	
			U OF CAL SAN DIEGO	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	UNIVERSITY OF COLORADO	
		OREGON	OREGON STATE UNIVERSITY	
		UTAH	UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
			WASHINGTON ST UNIVERSITY	
0701				13
0702	INFORMATION SCIENCES	CALIFORNIA	U OF CAL SANTA CRUZ	
0702				1
0799	OTHER COMPUTER SCIENCES	CALIFORNIA	U CAL SAN FRISCO MEDL CTR	
0799				1
0801	EDUCATION	CALIFORNIA	CAL STATE U LOS ANGELES	
			SAN FRANCISCO STATE U	
			CLAREMONT GRADUATE SCHOOL	
			STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL LOS ANGELES	
			U OF CAL RIVERSIDE	
			U OF CAL SANTA BARBARA	
			U OF SOUTHERN CALIFORNIA	
			UNIVERSITY OF THE PACIFIC	
		COLORADO	UNIVERSITY OF DENVER	
		IDAHO	UNIVERSITY OF IDAHO	
		MONTANA	MONTANA STATE UNIVERSITY	
			UNIVERSITY OF MONTANA	
		NEW MEXICO	U OF NM MAIN CAMPUS	
		OREGON	OREGON STATE UNIVERSITY	
		UTAH	UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
			WASHINGTON ST UNIVERSITY	

HEGIS CODE	PROGRAM	STATE	INSTITUTION	PROGRAMS
0801	EDUCATION	WYOMING	UNIVERSITY OF WYOMING	
0801				20
0802	ELEMENTARY EDUCATION	ARIZONA	ARIZONA STATE UNIVERSITY	
			UNIVERSITY OF ARIZONA	
		CALIFORNIA	CLAREMONT GRADUATE SCHOOL	
		COLORADO	U OF NORTHERN COLORADO	
			UNIVERSITY OF COLORADO	
		UTAH	BRIGHAM YOUNG U MAIN CAM	
		WYOMING	UNIVERSITY OF WYOMING	
0802				7
0803	SECONDARY EDUCATION	ARIZONA	ARIZONA STATE UNIVERSITY	
			UNIVERSITY OF ARIZONA	
		CALIFORNIA	CLAREMONT GRADUATE SCHOOL	
		COLORADO	UNIVERSITY OF COLORADO	
		IDAHO	IDAHO STATE UNIVERSITY	
		NEVADA	U OF NEVADA LAS VEGAS	
		UTAH	BRIGHAM YOUNG U MAIN CAM	
		WYOMING	UNIVERSITY OF WYOMING	
0803				8
0805	HIGHER EDUCATION	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	CLAREMONT GRADUATE SCHOOL	
			U OF SOUTHERN CALIFORNIA	
		OREGON	U OF OREGON MAIN CAMPUS	
0805				4
0807	CONTINUING EDUCATION	ARIZONA	ARIZONA STATE UNIVERSITY	
0807				1
0808	SPECIAL EDUCATION	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	U OF CAL BERKELEY	
			U OF CAL LOS ANGELES	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	U OF NORTHERN COLORADO	
		NEVADA	U OF NEVADA LAS VEGAS	
		OREGON	U OF OREGON MAIN CAMPUS	
		UTAH	UTAH STATE UNIVERSITY	
0808				8
0815	SPEECH CORRECTION	ARIZONA	UNIVERSITY OF ARIZONA	
0815				1
0821	SOCIAL FOUNDATIONS	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	CLAREMONT GRADUATE SCHOOL	

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0821	SOCIAL FOUNDATIONS	CALIFORNIA	U OF SOUTHERN CALIFORNIA	
		COLORADO	UNIVERSITY OF COLORADO	
		HAWAII	U OF HAWAII AT MANOA	
		OREGON	U OF OREGON MAIN CAMPUS	
		UTAH	UNIVERSITY OF UTAH	
		WYOMING	UNIVERSITY OF WYOMING	
0821				6
0822	EDUCATIONAL PSYCHOLOGY	ARIZONA	ARIZONA STATE UNIVERSITY	
			NORTHERN ARIZ UNIVERSITY	
			UNIVERSITY OF ARIZONA	
		CALIFORNIA	CLAREMONT GRADUATE SCHOOL	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	U OF NORTHERN COLORADO	
			UNIVERSITY OF COLORADO	
		HAWAII	U OF HAWAII AT MANOA	
		OREGON	U OF OREGON MAIN CAMPUS	
		UTAH	BRIGHAM YOUNG U MAIN CAM	
			UNIVERSITY OF UTAH	
0822				11
0823	PRE-ELEMENTARY	COLORADO	U OF NORTHERN COLORADO	
0823				1
0824	EDUCATIONAL STATISTICS	COLORADO	U OF NORTHERN COLORADO	
			UNIVERSITY OF COLORADO	
0824				2
0826	COUNSELING AND GUIDANCE	ARIZONA	ARIZONA STATE UNIVERSITY	
			UNIVERSITY OF ARIZONA	
		CALIFORNIA	CLAREMONT GRADUATE SCHOOL	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	U OF NORTHERN COLORADO	
			UNIVERSITY OF COLORADO	
		NEVADA	U OF NEVADA LAS VEGAS	
		NEW MEXICO	NM STATE U MAIN CAMPUS	
		OREGON	OREGON STATE UNIVERSITY	
			U OF OREGON MAIN CAMPUS	
		WYOMING	UNIVERSITY OF WYOMING	
0826				11
0827	EDUCATIONAL ADMINISTRATION	ARIZONA	ARIZONA STATE UNIVERSITY	
			NORTHERN ARIZ UNIVERSITY	
			UNIVERSITY OF ARIZONA	
		CALIFORNIA	CLAREMONT GRADUATE SCHOOL	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	U OF NORTHERN COLORADO	
			UNIVERSITY OF COLORADO	

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HEGIS CODE	PROGRAM	STATE	INSTITUTION	PROGRAMS
0827	EDUCATIONAL ADMINISTRATION	HAWAII	U OF HAWAII AT MANOA	
		NEVADA	U OF NEVADA LAS VEGAS	
		NEW MEXICO	NM STATE U MAIN CAMPUS	
		OREGON	OREGON STATE UNIVERSITY	
			U OF OREGON MAIN CAMPUS	
		UTAH	BRIGHAM YOUNG U MAIN CAM	
			UNIVERSITY OF UTAH	
		WYOMING	UNIVERSITY OF WYOMING	
0827				15
0829	CURRICULUM AND INSTRUCTION	ARIZONA	NORTHERN ARIZ UNIVERSITY	
		CALIFORNIA	CLAREMONT GRADUATE SCHOOL	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	U OF NORTHERN COLORADO	
			UNIVERSITY OF COLORADO	
		HAWAII	U OF HAWAII AT MANOA	
		NEVADA	U OF NEVADA LAS VEGAS	
		NEW MEXICO	NM STATE U MAIN CAMPUS	
		OREGON	U OF OREGON MAIN CAMPUS	
		UTAH	UTAH STATE UNIVERSITY	
		WYOMING	UNIVERSITY OF WYOMING	
0829				11
0830	READING EDUCATION	ARIZONA	UNIVERSITY OF ARIZONA	
		COLORADO	U OF NORTHERN COLORADO	
			UNIVERSITY OF COLORADO	
0830				3
0831	ART EDUCATION	OREGON	U OF OREGON MAIN CAMPUS	
0831				1
0832	MUSIC EDUCATION	CALIFORNIA	U OF SOUTHERN CALIFORNIA	
		COLORADO	U OF NORTHERN COLORADO	
			UNIVERSITY OF COLORADO	
		OREGON	U OF OREGON MAIN CAMPUS	
0832				4
0833	MATHEMATICS EDUCATION	COLORADO	U OF NORTHERN COLORADO	
0833				1
0834	SCIENCE EDUCATION	COLORADO	U OF NORTHERN COLORADO	
		OREGON	OREGON STATE UNIVERSITY	
0834				2
0835	PHYSICAL EDUCATION	CALIFORNIA	U OF SOUTHERN CALIFORNIA	
		COLORADO	U OF NORTHERN COLORADO	

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0835	PHYSICAL EDUCATION	OREGON	U OF OREGON MAIN CAMPUS	
		UTAH	BRIGHAM YOUNG U MAIN CAM	
			UNIVERSITY OF UTAH	
		WASHINGTON	WASHINGTON ST UNIVERSITY	
0835				6
0837	HEALTH EDUCATION	OREGON	U OF OREGON MAIN CAMPUS	
		UTAH	UNIVERSITY OF UTAH	
0837				2
0838	BUSINESS EDUCATION	COLORADO	U OF NORTHERN COLORADO	
		OREGON	OREGON STATE UNIVERSITY	
		UTAH	BRIGHAM YOUNG U MAIN CAM	
0838				3
0839	VOCATIONAL EDUCATION	COLORADO	U OF NORTHERN COLORADO	
			COLORADO STATE UNIVERSITY	
		OREGON	OREGON STATE UNIVERSITY	
0839				3
0841	EDUCATIONAL INSTRUCTIONAL TECH	CALIFORNIA	U OF SOUTHERN CALIFORNIA	
0841				1
0899	OTHER EDUCATION	ARIZONA	ARIZONA STATE UNIVERSITY	
			UNIVERSITY OF ARIZONA	
		COLORADO	U OF NORTHERN COLORADO	
			UNIVERSITY OF COLORADO	
		UTAH	BRIGHAM YOUNG U MAIN CAM	
0899				5
0901	ENGINEERING	CALIFORNIA	CAL INST OF TECHNOLOGY	
			U OF CAL DAVIS	
			U OF CAL IRVINE	
			U OF CAL LOS ANGELES	
			U OF SOUTHERN CALIFORNIA	
		NEW MEXICO	U OF NM MAIN CAMPUS	
		UTAH	BRIGHAM YOUNG U MAIN CAM	
		WASHINGTON	WASHINGTON ST UNIVERSITY	
0901				8
0902	AERONAUTICAL ENGINEERING	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	CAL INST OF TECHNOLOGY	
			STANFORD UNIVERSITY	
			U OF CAL SAN DIEGO	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	UNIVERSITY OF COLORADO	

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0902	AERONAUTICAL ENGINEERING	WASHINGTON	UNIVERSITY OF WASHINGTON	
0902				
0903	AGRICULTURAL ENG			7
		COLORADO	COLORADO STATE UNIVERSITY	
		IDAHO	UNIVERSITY OF IDAHO	
		UTAH	UTAH STATE UNIVERSITY	
0903				
0905	BIOENGINEERING			3
		CALIFORNIA	STANFORD UNIVERSITY	
			U OF CAL DAVIS	
			U OF CAL SAN DIEGO	
			U OF SOUTHERN CALIFORNIA	
		UTAH	UNIVERSITY OF UTAH	
		WYOMING	UNIVERSITY OF WYOMING	
0905				
0906	CHEMICAL ENGINEERING			6
		ARIZONA	ARIZONA STATE UNIVERSITY	
			UNIVERSITY OF ARIZONA	
		CALIFORNIA	CAL INST OF TECHNOLOGY	
			STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL SANTA BARBARA	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	COLORADO SCHOOL OF MINES	
			UNIVERSITY OF COLORADO	
		IDAHO	UNIVERSITY OF IDAHO	
		MONTANA	MONTANA STATE UNIVERSITY	
		OREGON	OREGON STATE UNIVERSITY	
		UTAH	BRIGHAM YOUNG U MAIN CAM	
			UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
0906				
0907	PETROLEUM ENGINEERING			15
		CALIFORNIA	STANFORD UNIVERSITY	
		COLORADO	COLORADO SCHOOL OF MINES	
		UTAH	UNIVERSITY OF UTAH	
0907				
0908	CIVIL ENGINEERING			3
		ARIZONA	ARIZONA STATE UNIVERSITY	
			UNIVERSITY OF ARIZONA	
		CALIFORNIA	CAL INST OF TECHNOLOGY	
			STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	COLORADO STATE UNIVERSITY	
			UNIVERSITY OF COLORADO	
		IDAHO	UNIVERSITY OF IDAHO	
		MONTANA	MONTANA STATE UNIVERSITY	

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0908	CIVIL ENGINEERING	NEW MEXICO	NM STATE U MAIN CAMPUS	
		OREGON	OREGON STATE UNIVERSITY	
		UTAH	BRIGHAM YOUNG U MAIN CAM	
			UNIVERSITY OF UTAH	
			UTAH STATE UNIVERSITY	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
		WYOMING	UNIVERSITY OF WYOMING	
0908				17
0909	ELECTRICAL ENGINEERING	ARIZONA	ARIZONA STATE UNIVERSITY	
			UNIVERSITY OF ARIZONA	
		CALIFORNIA	CAL INST OF TECHNOLOGY	
			STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL SANTA BARBARA	
			UNIVERSITY OF SANTA CLARA	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	COLORADO STATE UNIVERSITY	
			UNIVERSITY OF COLORADO	
		HAWAII	U OF HAWAII AT MANOA	
		IDAHO	UNIVERSITY OF IDAHO	
		MONTANA	MONTANA STATE UNIVERSITY	
		NEW MEXICO	NM STATE U MAIN CAMPUS	
		OREGON	OREGON STATE UNIVERSITY	
		UTAH	BRIGHAM YOUNG U MAIN CAM	
			UNIVERSITY OF UTAH	
			UTAH STATE UNIVERSITY	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
		WYOMING	UNIVERSITY OF WYOMING	
0909				20
0910	MECHANICAL ENGINEERING	ARIZONA	ARIZONA STATE UNIVERSITY	
			UNIVERSITY OF ARIZONA	
		CALIFORNIA	CAL INST OF TECHNOLOGY	
			STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL SAN DIEGO	
			U OF CAL SANTA BARBARA	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	COLORADO STATE UNIVERSITY	
			UNIVERSITY OF COLORADO	
		IDAHO	UNIVERSITY OF IDAHO	
		MONTANA	MONTANA STATE UNIVERSITY	
		NEW MEXICO	NM STATE U MAIN CAMPUS	
		OREGON	OREGON STATE UNIVERSITY	
		UTAH	BRIGHAM YOUNG U MAIN CAM	
			UNIVERSITY OF UTAH	
			UTAH STATE UNIVERSITY	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
		WYOMING	UNIVERSITY OF WYOMING	

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0910				19
0911	GEOLOGICAL ENGINEERING	ARIZONA	UNIVERSITY OF ARIZONA	
		COLORADO	COLORADO SCHOOL OF MINES	
		UTAH	UNIVERSITY OF UTAH	
0911				3
0912	GEOPHYSICAL ENGINEERING	COLORADO	COLORADO SCHOOL OF MINES	
0912				1
0913	INDUSTRIAL ENGINEERING	ARIZONA	ARIZONA STATE UNIVERSITY	
		CALIFORNIA	STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF SOUTHERN CALIFORNIA	
		OREGON	OREGON STATE UNIVERSITY	
0913				5
0914	METALLURGICAL ENGINEERING	COLORADO	COLORADO SCHOOL OF MINES	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
0914				2
0915	MATERIALS ENGINEERING	CALIFORNIA	STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
		UTAH	UNIVERSITY OF UTAH	
0915				3
0916	CERAMIC ENGINEERING	WASHINGTON	UNIVERSITY OF WASHINGTON	
0916				1
0918	MINING ENGINEERING	ARIZONA	UNIVERSITY OF ARIZONA	
		COLORADO	COLORADO SCHOOL OF MINES	
		IDAHO	UNIVERSITY OF IDAHO	
		UTAH	UNIVERSITY OF UTAH	
		WYOMING	UNIVERSITY OF WYOMING	
0918				5
0919	ENGINEERING PHYSICS	CALIFORNIA	CAL INST OF TECHNOLOGY	
			U OF CAL SAN DIEGO	
0919				2
0920	NUCLEAR ENGINEERING	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	U OF CAL BERKELEY	
		OREGON	OREGON STATE UNIVERSITY	
		UTAH	UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	

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0920				5
0921	ENGINEERING MECHANICS	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	CAL INST OF TECHNOLOGY	
			STANFORD UNIVERSITY	
			U OF CAL SAN DIEGO	
0921				4
0922	ENVIRONMENTAL ENGINEERING	CALIFORNIA	CAL INST OF TECHNOLOGY	
0922				1
0923	MARINE ENGINEERING	CALIFORNIA	U OF CAL BERKELEY	
0923				1
0924	OCEAN ENGINEERING	HAWAII	U OF HAWAII AT MANOA	
0924				1
0926	MATERIALS SCIENCE	CALIFORNIA	U OF SOUTHERN CALIFORNIA	
0926				1
0999	OTHER ENGINEERING	ARIZONA	ARIZONA STATE UNIVERSITY	
			UNIVERSITY OF ARIZONA	
		CALIFORNIA	STANFORD UNIVERSITY	
			U OF CAL SAN DIEGO	
0999				4
1001	FINE ARTS	CALIFORNIA	UNIVERSITY OF JUDAISM	
1001				1
1002	PAINTING DRAWING SCULPTURE	CALIFORNIA	STANFORD UNIVERSITY	
1002				1
1003	ART HISTORY	CALIFORNIA	U OF CAL BERKELEY	
			U OF CAL LOS ANGELES	
			U OF SOUTHERN CALIFORNIA	
		NEW MEXICO	U OF NM MAIN CAMPUS	
		OREGON	U OF OREGON MAIN CAMPUS	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
1003				6
1004	MUSIC PERFORMING	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	STANFORD UNIVERSITY	
			U OF SOUTHERN CALIFORNIA	

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1004	MUSIC PERFORMING	COLORADO	U OF NORTHERN COLORADO	
			UNIVERSITY OF COLORADO	
		OREGON	U OF OREGON MAIN CAMPUS	
		UTAH	BRIGHAM YOUNG U MAIN CAM	
			UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
1004				9
1005	MUSIC (LIBERAL ARTS)	CALIFORNIA	U OF CAL BERKELEY	
			U OF CAL LOS ANGELES	
			U OF CAL SAN DIEGO	
			U OF CAL SANTA BARBARA	
			U OF SOUTHERN CALIFORNIA	
1005				5
1006	MUSIC HISTORY	COLORADO	UNIVERSITY OF COLORADO	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
1006				2
1007	DRAMATIC ARTS	CALIFORNIA	STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U OF CAL LOS ANGELES	
			U OF CAL SANTA BARBARA	
		COLORADO	UNIVERSITY OF DENVER	
			UNIVERSITY OF COLORADO	
		HAWAII	U OF HAWAII AT MANOA	
		UTAH	BRIGHAM YOUNG U MAIN CAM	
			UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
1007				11
1010	CINEMATOGRAPHY	CALIFORNIA	U OF SOUTHERN CALIFORNIA	
1010				1
1101	FOREIGN LANGUAGES	HAWAII	U OF HAWAII AT MANOA	
		NEW MEXICO	U OF NM MAIN CAMPUS	
		OREGON	U OF OREGON MAIN CAMPUS	
1101				3
1102	FRENCH	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	CLAREMONT GRADUATE SCHOOL	
			STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U OF CAL IRVINE	
			U OF CAL LOS ANGELES	

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1102	FRENCH	CALIFORNIA	U OF CAL RIVERSIDE	
			U OF CAL SAN DIEGO	
			U OF CAL SANTA BARBARA	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	UNIVERSITY OF COLORADO	
		UTAH	UNIVERSITY OF UTAH	
1102				13
1103	GERMAN	CALIFORNIA	STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U OF CAL IRVINE	
			U OF CAL RIVERSIDE	
			U OF CAL SAN DIEGO	
			U OF CAL SANTA BARBARA	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	UNIVERSITY OF COLORADO	
		OREGON	U OF OREGON MAIN CAMPUS	
		UTAH	UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
1103				12
1104	ITALIAN	CALIFORNIA	STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL LOS ANGELES	
1104				3
1105	SPANISH	ARIZONA	ARIZONA STATE UNIVERSITY	
			UNIVERSITY OF ARIZONA	
		CALIFORNIA	STANFORD UNIVERSITY	
			U OF CAL DAVIS	
			U OF CAL IRVINE	
			U OF CAL RIVERSIDE	
			U OF CAL SAN DIEGO	
			U OF CAL SANTA BARBARA	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	UNIVERSITY OF COLORADO	
		UTAH	UNIVERSITY OF UTAH	
1105				11
1106	RUSSIAN	CALIFORNIA	STANFORD UNIVERSITY	
1106				1
1107	CHINESE	CALIFORNIA	STANFORD UNIVERSITY	
1107				1
1108	JAPANESE	CALIFORNIA	STANFORD UNIVERSITY	

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1108				1
1114	SCANDINAVIAN	CALIFORNIA	U OF CAL BERKELEY	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
1114				2
1115	SLAVIC	CALIFORNIA	STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
		COLORADO	UNIVERSITY OF COLORADO	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
1115				4
1182	ROMANCE LANG AND LITERATURE	WASHINGTON	UNIVERSITY OF WASHINGTON	
1182				1
1192	ASIAN LANG AND LITERATURE	WASHINGTON	UNIVERSITY OF WASHINGTON	
1192				1
1199	OTHER FOREIGN LANGUAGES	CALIFORNIA	STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL LOS ANGELES	
			U OF CAL SANTA BARBARA	
		OREGON	U OF OREGON MAIN CAMPUS	
		UTAH	UNIVERSITY OF UTAH	
1199				6
1203	NURSING	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	U CAL SAN FRISCO MEDL CTR	
		COLORADO	UNIVERSITY OF COLORADO	
		UTAH	UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
1203				5
1205	DENTAL SPECIALTIES	CALIFORNIA	U OF SOUTHERN CALIFORNIA	
1205				1
1209	OPTOMETRY	CALIFORNIA	U OF CAL BERKELEY	
1209				1
1211	PHARMACY	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	U CAL SAN FRISCO MEDL CTR	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	UNIVERSITY OF COLORADO	
		OREGON	OREGON STATE UNIVERSITY	

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1211	PHARMACY	UTAH	UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
			WASHINGTON ST UNIVERSITY	
1211				8
1212	PHYSICAL THERAPY	CALIFORNIA	U OF SOUTHERN CALIFORNIA	
1212				1
1214	PUBLIC HEALTH	CALIFORNIA	LOMA LINDA UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL LOS ANGELES	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
1214				4
1219	VETERINARY MED SPECIALITIES	COLORADO	COLORADO STATE UNIVERSITY	
		WASHINGTON	WASHINGTON ST UNIVERSITY	
1219				2
1220	SPEECH PATHOLOGY	CALIFORNIA	STANFORD UNIVERSITY	
			U CAL SAN FRISCO MEDL CTR	
		COLORADO	UNIVERSITY OF DENVER	
			UNIVERSITY OF COLORADO	
		OREGON	U OF OREGON MAIN CAMPUS	
		UTAH	UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
1220				7
1225	RADIOLOGIC TECHNOLOGIES	CALIFORNIA	U OF CAL IRVINE	
1225				1
1299	OTHER HEALTH	CALIFORNIA	U OF CAL LOS ANGELES	
			U CAL SAN FRISCO MEDL CTR	
		NEW MEXICO	U OF NM MAIN CAMPUS	
		OREGON	UNIVERSITY OF THE PACIFIC	
1299				4
1304	CONSUMER ECONOMICS	OREGON	OREGON STATE UNIVERSITY	
1304				1
1305	FAMILY RELATIONS	OREGON	OREGON STATE UNIVERSITY	
		UTAH	BRIGHAM YOUNG U MAIN CAM	
1305				2
1306	FOODS AND NUTRITION	CALIFORNIA	U OF CAL DAVIS	

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1306	FOODS AND NUTRITION	COLORADO	COLORADO STATE UNIVERSITY	
		OREGON	OREGON STATE UNIVERSITY	
1306				3
1401	LAW GENERAL	CALIFORNIA	STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
1401				3
1501	ENGLISH GENERAL	ARIZONA	ARIZONA STATE UNIVERSITY	
			UNIVERSITY OF ARIZONA	
		CALIFORNIA	CLAREMONT GRADUATE SCHOOL	
			STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U OF CAL IRVINE	
			U OF CAL LOS ANGELES	
			U OF CAL RIVERSIDE	
			U OF CAL SANTA BARBARA	
			UNIVERSITY OF THE PACIFIC	
		COLORADO	U OF NORTHERN COLORADO	
			UNIVERSITY OF DENVER	
		IDAHO	IDAHO STATE UNIVERSITY	
		NEVADA	U OF NEVADA RENO	
		NEW MEXICO	U OF NM MAIN CAMPUS	
		OREGON	U OF OREGON MAIN CAMPUS	
		UTAH	UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
			WASHINGTON ST UNIVERSITY	
1501				20
1502	ENGLISH LITERATURE	CALIFORNIA	CLAREMONT GRADUATE SCHOOL	
			U OF CAL SAN DIEGO	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	UNIVERSITY OF COLORADO	
1502				4
1503	COMPARATIVE LITERATURE	CALIFORNIA	STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL IRVINE	
			U OF CAL LOS ANGELES	
			U OF CAL RIVERSIDE	
			U OF CAL SAN DIEGO	
			U OF CAL SANTA CRUZ	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	UNIVERSITY OF COLORADO	
		OREGON	U OF OREGON MAIN CAMPUS	
		WASHINGTON	UNIVERSITY OF WASHINGTON	

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1503				11
1504	CLASSICS	CALIFORNIA	U OF CAL BERKELEY	
			U OF CAL IRVINE	
			U OF CAL LOS ANGELES	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	UNIVERSITY OF COLORADO	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
1504				6
1505	LINGUISTICS	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL LOS ANGELES	
			U OF CAL SAN DIEGO	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	UNIVERSITY OF COLORADO	
		HAWAII	U OF HAWAII AT MANOA	
		UTAH	UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
1505				10
1506	SPEECH	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	U OF CAL BERKELEY	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	UNIVERSITY OF DENVER	
		OREGON	U OF OREGON MAIN CAMPUS	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
			WASHINGTON ST UNIVERSITY	
1506				7
1509	PHILOSOPHY	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	CLAREMONT GRADUATE SCHOOL	
			STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U OF CAL IRVINE	
			U OF CAL LOS ANGELES	
			U OF CAL RIVERSIDE	
			U OF CAL SAN DIEGO	
			U OF CAL SANTA BARBARA	
			U OF SOUTHERN CALIFORNIA	
			CAL INST OF ASIAN STUDIES	
		COLORADO	UNIVERSITY OF COLORADO	
		HAWAII	U OF HAWAII AT MANOA	
		NEW MEXICO	U OF NM MAIN CAMPUS	
		OREGON	U OF OREGON MAIN CAMPUS	
		UTAH	UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	

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1509				18
1510	RELIGIOUS STUDIES	CALIFORNIA	CLAREMONT GRADUATE SCHOOL	
			GRADUATE THEOL UNION	
			STANFORD UNIVERSITY	
			U OF CAL SANTA BARBARA	
			U OF SOUTHERN CALIFORNIA	
1510				5
1599	OTHER LETTERS	CALIFORNIA	STANFORD UNIVERSITY	
			U OF CAL LOS ANGELES	
			CAL INST OF ASIAN STUDIES	
		WASHINGTON	WASHINGTON ST UNIVERSITY	
1599				4
1601	LIBRARY SCIENCE	CALIFORNIA	U OF CAL BERKELEY	
			U OF CAL LOS ANGELES	
			U OF SOUTHERN CALIFORNIA	
1601				3
1701	MATHEMATICS	ARIZONA	ARIZONA STATE UNIVERSITY	
			UNIVERSITY OF ARIZONA	
		CALIFORNIA	CAL INST OF TECHNOLOGY	
			CLAREMONT GRADUATE SCHOOL	
			LOMA LINDA UNIVERSITY	
			STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U OF CAL IRVINE	
			U OF CAL LOS ANGELES	
			U OF CAL RIVERSIDE	
			U OF CAL SAN DIEGO	
			U OF CAL SANTA BARBARA	
			U OF CAL SANTA CRUZ	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	U OF NORTHERN COLORADO	
			COLORADO STATE UNIVERSITY	
			UNIVERSITY OF DENVER	
			UNIVERSITY OF COLORADO	
		HAWAII	U OF HAWAII AT MANOA	
		IDAHO	IDAHO STATE UNIVERSITY	
			UNIVERSITY OF IDAHO	
		MONTANA	MONTANA STATE UNIVERSITY	
			UNIVERSITY OF MONTANA	
		NEW MEXICO	NM STATE U MAIN CAMPUS	
			U OF NM MAIN CAMPUS	
		OREGON	OREGON STATE UNIVERSITY	
			U OF OREGON MAIN CAMPUS	
		UTAH	UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	

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1701	MATHEMATICS	WASHINGTON	WASHINGTON ST UNIVERSITY	
		WYOMING	UNIVERSITY OF WYOMING	
1701				32
1702	STATISTICS	CALIFORNIA	STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL RIVERSIDE	
		COLORADO	COLORADO STATE UNIVERSITY	
		OREGON	OREGON STATE UNIVERSITY	
1702				5
1703	APPLIED MATHEMATICS	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	CAL INST OF TECHNOLOGY	
			U OF CAL BERKELEY	
		COLORADO	COLORADO SCHOOL OF MINES	
			UNIVERSITY OF COLORADO	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
1703				6
1902	PHYSICS GENERAL	ALASKA	U OF ALASKA FAIRBANKS	
		ARIZONA	ARIZONA STATE UNIVERSITY	
			UNIVERSITY OF ARIZONA	
		CALIFORNIA	CAL INST OF TECHNOLOGY	
			STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U OF CAL IRVINE	
			U OF CAL LOS ANGELES	
			U OF CAL RIVERSIDE	
			U OF CAL SAN DIEGO	
			U OF CAL SANTA BARBARA	
			U OF CAL SANTA CRUZ	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	COLORADO STATE UNIVERSITY	
			UNIVERSITY OF DENVER	
			UNIVERSITY OF COLORADO	
		HAWAII	U OF HAWAII AT MANOA	
		IDAHO	UNIVERSITY OF IDAHO	
		MONTANA	MONTANA STATE UNIVERSITY	
		NEVADA	U OF NEVADA RENO	
		NEW MEXICO	NM INST OF MINING & TECHN	
			NM STATE U MAIN CAMPUS	
			U OF NM MAIN CAMPUS	
		OREGON	OREGON STATE UNIVERSITY	
			U OF OREGON MAIN CAMPUS	
			OREGON GRADUATE CENTER	
		UTAH	BRIGHAM YOUNG U MAIN CAM	
			UNIVERSITY OF UTAH	
			UTAH STATE UNIVERSITY	
		WASHINGTON	UNIVERSITY OF WASHINGTON	

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1902	PHYSICS GENERAL	WASHINGTON	WASHINGTON ST UNIVERSITY	
		WYOMING	UNIVERSITY OF WYOMING	
1902				33
1905	CHEMISTRY GENERAL	ARIZONA	ARIZONA STATE UNIVERSITY	
			UNIVERSITY OF ARIZONA	
		CALIFORNIA	CAL INST OF TECHNOLOGY	
			SAN DIEGO STATE U	
			STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U OF CAL IRVINE	
			U OF CAL LOS ANGELES	
			U OF CAL RIVERSIDE	
			U OF CAL SAN DIEGO	
			U OF CAL SANTA BARBARA	
			U OF CAL SANTA CRUZ	
			U OF SOUTHERN CALIFORNIA	
			UNIVERSITY OF THE PACIFIC	
		COLORADO	U OF NORTHERN COLORADO	
			COLORADO STATE UNIVERSITY	
			UNIVERSITY OF DENVER	
			UNIVERSITY OF COLORADO	
		HAWAII	U OF HAWAII AT MANOA	
		IDAHO	UNIVERSITY OF IDAHO	
		MONTANA	MONTANA STATE UNIVERSITY	
			UNIVERSITY OF MONTANA	
		NEVADA	U OF NEVADA RENO	
		NEW MEXICO	NM STATE U MAIN CAMPUS	
			U OF NM MAIN CAMPUS	
		OREGON	OREGON STATE UNIVERSITY	
			U OF OREGON MAIN CAMPUS	
			OREGON GRADUATE CENTER	
		UTAH	BRIGHAM YOUNG U MAIN CAM	
			UNIVERSITY OF UTAH	
			UTAH STATE UNIVERSITY	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
			WASHINGTON ST UNIVERSITY	
		WYOMING	UNIVERSITY OF WYOMING	
1905				35
1906	INORGANIC CHEMISTRY	NEVADA	U OF NEVADA RENO	
1906				1
1907	ORGANIC CHEMISTRY	NEVADA	U OF NEVADA RENO	
1907				1
1908	PHYSICAL CHEMISTRY	NEVADA	U OF NEVADA RENO	

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HEGIS CODE	PROGRAM	STATE	INSTITUTION	PROGRAMS
1908				1
1910	PHARMACEUTICAL CHEMISTRY	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	U CAL SAN FRISCO MEDL CTR	
			U OF SOUTHERN CALIFORNIA	
1910				3
1911	ASTRONOMY	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	CAL INST OF TECHNOLOGY	
			U OF CAL BERKELEY	
			U OF CAL LOS ANGELES	
			U OF CAL SANTA CRUZ	
		HAWAII	U OF HAWAII AT MANOA	
		NEW MEXICO	NM STATE U MAIN CAMPUS	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
1911				8
1912	ASTROPHYSICS	COLORADO	UNIVERSITY OF COLORADO	
1912				1
1913	ATMOSPHERIC SCI & METEOROLOGY	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	U OF CAL DAVIS	
			U OF CAL LOS ANGELES	
		COLORADO	COLORADO STATE UNIVERSITY	
		HAWAII	U OF HAWAII AT MANOA	
		OREGON	OREGON STATE UNIVERSITY	
		UTAH	UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
		WYOMING	UNIVERSITY OF WYOMING	
1913				9
1914	GEOLOGY	ALASKA	U OF ALASKA FAIRBANKS	
		ARIZONA	ARIZONA STATE UNIVERSITY	
			UNIVERSITY OF ARIZONA	
		CALIFORNIA	CAL INST OF TECHNOLOGY	
			STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U OF CAL LOS ANGELES	
			U OF CAL RIVERSIDE	
			U OF CAL SANTA BARBARA	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	COLORADO SCHOOL OF MINES	
			COLORADO STATE UNIVERSITY	
			UNIVERSITY OF COLORADO	
		IDAHO	UNIVERSITY OF IDAHO	
		MONTANA	UNIVERSITY OF MONTANA	
		NEVADA	U OF NEVADA RENO	
		NEW MEXICO	NM INST OF MINING & TECHN	

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HEGIS CODE	PROGRAM	STATE	INSTITUTION	PROGRAMS
1914	GEOLOGY	NEW MEXICO	U OF NM MAIN CAMPUS	
		OREGON	OREGON STATE UNIVERSITY	
			U OF OREGON MAIN CAMPUS	
		UTAH	BRIGHAM YOUNG U MAIN CAM	
			UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
			WASHINGTON ST UNIVERSITY	
		WYOMING	UNIVERSITY OF WYOMING	
1914				26
1915	GEOCHEMISTRY	CALIFORNIA	U OF CAL LOS ANGELES	
		COLORADO	COLORADO SCHOOL OF MINES	
		NEW MEXICO	NM INST OF MINING & TECHN	
1915				3
1916	GEOPHYSICS	ALASKA	U OF ALASKA FAIRBANKS	
		CALIFORNIA	STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
		COLORADO	COLORADO SCHOOL OF MINES	
		NEVADA	U OF NEVADA RENO	
		NEW MEXICO	NM INST OF MINING & TECHN	
		OREGON	OREGON STATE UNIVERSITY	
		UTAH	UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
1916				9
1917	EARTH SCIENCES	CALIFORNIA	U OF CAL SANTA CRUZ	
		HAWAII	U OF HAWAII AT MANOA	
1917				2
1918	PALEONTOLOGY	CALIFORNIA	U OF CAL BERKELEY	
1918				1
1919	OCEANOGRAPHY	ALASKA	U OF ALASKA FAIRBANKS	
		CALIFORNIA	U OF CAL SAN DIEGO	
		HAWAII	U OF HAWAII AT MANOA	
		OREGON	OREGON STATE UNIVERSITY	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
1919				5
1920	METALLURGY	ARIZONA	UNIVERSITY OF ARIZONA	
		COLORADO	COLORADO SCHOOL OF MINES	
		NEW MEXICO	NM INST OF MINING & TECHN	
		OREGON	OREGON GRADUATE CENTER	
		UTAH	UNIVERSITY OF UTAH	
1920				5

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HEGIS CODE	PROGRAM	STATE	INSTITUTION	PROGRAMS
1997	GEOSCIENCE	CALIFORNIA	STANFORD UNIVERSITY	
		NEW MEXICO	NM INST OF MINING & TECHN	
1997				2
1998	OPTICAL SCIENCES	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	STANFORD UNIVERSITY	
		COLORADO	COLORADO SCHOOL OF MINES	
1998				3
1999	OTHER PHYSICAL SCI	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	STANFORD UNIVERSITY	
			U OF CAL LOS ANGELES	
		COLORADO	COLORADO SCHOOL OF MINES	
			UNIVERSITY OF COLORADO	
		NEVADA	U OF NEVADA RENO	
		OREGON	OREGON GRADUATE CENTER	
		WASHINGTON	WASHINGTON ST UNIVERSITY	
1999				8
2001	PSYCHOLOGY GENERAL	ARIZONA	ARIZONA STATE UNIVERSITY	
			UNIVERSITY OF ARIZONA	
		CALIFORNIA	US INTERNATIONAL U	
			CLAREMONT GRADUATE SCHOOL	
			STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U OF CAL IRVINE	
			U OF CAL LOS ANGELES	
			U OF CAL RIVERSIDE	
			U OF CAL SAN DIEGO	
			U CAL SAN FRISCO MEDL CTR	
			U OF CAL SANTA BARBARA	
			U OF CAL SANTA CRUZ	
			U OF SOUTHERN CALIFORNIA	
			CAL SCH PSYC SN FRISCO	
			CAL SCH PROF PSYC SN DEGO	
			CAL SCH PROF PSYC FRESNO	
			CAL INST OF ASIAN STUDIES	
		COLORADO	COLORADO STATE UNIVERSITY	
			UNIVERSITY OF DENVER	
			UNIVERSITY OF COLORADO	
		HAWAII	U OF HAWAII AT MANOA	
		MONTANA	UNIVERSITY OF MONTANA	
		NEVADA	U OF NEVADA RENO	
		NEW MEXICO	U OF NM MAIN CAMPUS	
		OREGON	U OF OREGON MAIN CAMPUS	
		UTAH	BRIGHAM YOUNG U MAIN CAM	
			UNIVERSITY OF UTAH	
			UTAH STATE UNIVERSITY	

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HEGIS CODE	PROGRAM	STATE	INSTITUTION	PROGRAMS
2001	PSYCHOLOGY GENERAL	WASHINGTON	UNIVERSITY OF WASHINGTON	
			WASHINGTON ST UNIVERSITY	
		WYOMING	UNIVERSITY OF WYOMING	
2001				33
2002	EXPERIMENTAL PSYCHOLOGY	OREGON	U OF OREGON HLTH SCI CTR	
2002				1
2003	CLINICAL PSYCHOLOGY	CALIFORNIA	BIOLA COLLEGE	
			US INTERNATIONAL U	
			FULLER THEOLOGICAL SEM	
			U OF CAL DAVIS	
			THE WRIGHT INSTITUTE	
2003				5
2005	SOCIAL PSYCHOLOGY	CALIFORNIA	CLAREMONT GRADUATE SCHOOL	
			THE WRIGHT INSTITUTE	
		NEVADA	U OF NEVADA RENO	
2005				3
2008	INDUSTRIAL PSYCHOLOGY	NEW MEXICO	NM STATE U MAIN CAMPUS	
2008				1
2009	DEVELOPMENTAL PSYCHOLOGY	CALIFORNIA	CLAREMONT GRADUATE SCHOOL	
2009				1
2010	PHYSIOLOGIC PSYCHOLOGY	CALIFORNIA	CLAREMONT GRADUATE SCHOOL	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
2010				2
2099	OTHER PSYCHOLOGY	CALIFORNIA	CLAREMONT GRADUATE SCHOOL	
			CAL SCH PSYC SN FRISCO	
			CAL SCH PROF PSYC LOS ANG	
			CAL INST OF ASIAN STUDIES	
2099				4
2102	PUBLIC ADMINISTRATION	CALIFORNIA	U OF SOUTHERN CALIFORNIA	
		COLORADO	UNIVERSITY OF COLORADO	
2102				2
2103	RECREATION MANAGEMENT	COLORADO	COLORADO STATE UNIVERSITY	
		OREGON	U OF OREGON MAIN CAMPUS	
		UTAH	UNIVERSITY OF UTAH	

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HEGIS CODE	PROGRAM	STATE	INSTITUTION	PROGRAMS
2103				
2104	SOCIAL WORK			3
		CALIFORNIA	U OF CAL BERKELEY	
			U OF CAL LOS ANGELES	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	UNIVERSITY OF DENVER	
		UTAH	UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
2104				
2199	OTHER PUBLIC AFFAIRS			6
		ARIZONA	UNIVERSITY OF ARIZONA	
2199				
2201	SOCIAL SCIENCES			1
		ARIZONA	NORTHERN ARIZ UNIVERSITY	
		CALIFORNIA	CAL INST OF TECHNOLOGY	
			U OF CAL IRVINE	
2201				
2202	ANTHROPOLOGY			3
		ARIZONA	ARIZONA STATE UNIVERSITY	
			UNIVERSITY OF ARIZONA	
		CALIFORNIA	STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U OF CAL LOS ANGELES	
			U OF CAL RIVERSIDE	
			U OF CAL SAN DIEGO	
			U OF CAL SANTA BARBARA	
		COLORADO	UNIVERSITY OF COLORADO	
		HAWAII	U OF HAWAII AT MANOA	
		NEW MEXICO	U OF NM MAIN CAMPUS	
		OREGON	U OF OREGON MAIN CAMPUS	
		UTAH	UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
			WASHINGTON ST UNIVERSITY	
2202				
2203	ARCHEOLOGY			16
		CALIFORNIA	U OF CAL BERKELEY	
			U OF CAL LOS ANGELES	
2203				
2204	ECONOMICS			2
		ARIZONA	ARIZONA STATE UNIVERSITY	
			UNIVERSITY OF ARIZONA	
		CALIFORNIA	CLAREMONT GRADUATE SCHOOL	
			STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U OF CAL LOS ANGELES	
			U OF CAL RIVERSIDE	

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2204	ECONOMICS	CALIFORNIA	U OF CAL SAN DIEGO	
			U OF CAL SANTA BARBARA	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	COLORADO STATE UNIVERSITY	
			UNIVERSITY OF COLORADO	
		HAWAII	U OF HAWAII AT MANOA	
		NEW MEXICO	U OF NM MAIN CAMPUS	
		OREGON	U OF OREGON MAIN CAMPUS	
		UTAH	UNIVERSITY OF UTAH	
			UTAH STATE UNIVERSITY	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
			WASHINGTON ST UNIVERSITY	
2204				20
2205	HISTORY	ARIZONA	ARIZONA STATE UNIVERSITY	
			UNIVERSITY OF ARIZONA	
		CALIFORNIA	CLAREMONT GRADUATE SCHOOL	
			STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U OF CAL IRVINE	
			U OF CAL LOS ANGELES	
			U OF CAL RIVERSIDE	
			U OF CAL SAN DIEGO	
			U CAL SAN FRISCO MEDL CTR	
			U OF CAL SANTA BARBARA	
			U OF CAL SANTA CRUZ	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	U OF NORTHERN COLORADO	
			UNIVERSITY OF DENVER	
			UNIVERSITY OF COLORADO	
		HAWAII	U OF HAWAII AT MANOA	
		IDAHO	UNIVERSITY OF IDAHO	
		MONTANA	UNIVERSITY OF MONTANA	
		NEVADA	U OF NEVADA RENO	
		NEW MEXICO	U OF NM MAIN CAMPUS	
		OREGON	U OF OREGON MAIN CAMPUS	
		UTAH	BRIGHAM YOUNG U MAIN CAM	
			UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
			WASHINGTON ST UNIVERSITY	
		WYOMING	UNIVERSITY OF WYOMING	
2205				28
2206	GEOGRAPHY	ARIZONA	ARIZONA STATE UNIVERSITY	
			UNIVERSITY OF ARIZONA	
		CALIFORNIA	U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U OF CAL LOS ANGELES	
			U OF CAL RIVERSIDE	
		COLORADO	U OF NORTHERN COLORADO	

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2206	GEOGRAPHY	COLORADO	UNIVERSITY OF DENVER	
			UNIVERSITY OF COLORADO	
		HAWAII	U OF HAWAII AT MANOA	
		OREGON	OREGON STATE UNIVERSITY	
			U OF OREGON MAIN CAMPUS	
		UTAH	UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
2206				14
2207	POLITICAL SCIENCE	ARIZONA	ARIZONA STATE UNIVERSITY	
			UNIVERSITY OF ARIZONA	
		CALIFORNIA	CLAREMONT GRADUATE SCHOOL	
			STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U OF CAL IRVINE	
			U OF CAL LOS ANGELES	
			U OF CAL RIVERSIDE	
			U OF CAL SANTA BARBARA	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	COLORADO STATE UNIVERSITY	
			UNIVERSITY OF COLORADO	
		HAWAII	U OF HAWAII AT MANOA	
		IDAHO	IDAHO STATE UNIVERSITY	
			UNIVERSITY OF IDAHO	
		NEW MEXICO	U OF NM MAIN CAMPUS	
		OREGON	U OF OREGON MAIN CAMPUS	
		UTAH	UNIVERSITY OF UTAH	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
			WASHINGTON ST UNIVERSITY	
2207				21
2208	SOCIOLOGY	ARIZONA	ARIZONA STATE UNIVERSITY	
			UNIVERSITY OF ARIZONA	
		CALIFORNIA	US INTERNATIONAL U	
			STANFORD UNIVERSITY	
			U OF CAL BERKELEY	
			U OF CAL DAVIS	
			U OF CAL LOS ANGELES	
			U OF CAL RIVERSIDE	
			U OF CAL SAN DIEGO	
			U CAL SAN FRISCO MEDL CTR	
			U OF CAL SANTA BARBARA	
			U OF SOUTHERN CALIFORNIA	
		COLORADO	COLORADO STATE UNIVERSITY	
			UNIVERSITY OF DENVER	
			UNIVERSITY OF COLORADO	
		HAWAII	U OF HAWAII AT MANOA	
		MONTANA	UNIVERSITY OF MONTANA	
		NEW MEXICO	U OF NM MAIN CAMPUS	
		OREGON	U OF OREGON MAIN CAMPUS	

HEGIS CODE	PROGRAM	STATE	INSTITUTION	PROGRAMS
2208	SOCIOLOGY	UTAH	BRIGHAM YOUNG U MAIN CAM	
			UNIVERSITY OF UTAH	
			UTAH STATE UNIVERSITY	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
			WASHINGTON ST UNIVERSITY	
2208				24
2209	CRIMINOLOGY	CALIFORNIA	U OF CAL BERKELEY	
2209				1
2210	INTERNATIONAL RELATIONS	CALIFORNIA	CLAREMONT GRADUATE SCHOOL	
			U OF SOUTHERN CALIFORNIA	
			CAL INST OF ASIAN STUDIES	
		COLORADO	UNIVERSITY OF DENVER	
2210				4
2214	URBAN STUDIES	OREGON	PORTLAND STATE UNIVERSITY	
2214				1
2215	DEMOGRAPHY	CALIFORNIA	U OF CAL BERKELEY	
2215				1
2299	OTHER SOCIAL SCIENCES	CALIFORNIA	US INTERNATIONAL U	
2299				1
2301	THEOLOGICAL PROFESSIONS	CALIFORNIA	AMER BAPT SEM W-BERKELEY	
			FULLER THEOLOGICAL SEM	
			GRADUATE THEOL UNION	
			PACIFIC SCH OF RELIGION	
			SAN FRANCISCO THEOL SEM	
			SCH OF THEO AT CLAREMONT	
		COLORADO	ILIFF SCHOOL OF THEOLOGY	
		OREGON	WESTERN CONS BAPTIST SEM	
2301				8
2302	RELIGIOUS MUSIC	CALIFORNIA	GRADUATE THEOL UNION	
2302				1
2303	BIBLICAL LANGUAGES	CALIFORNIA	GRADUATE THEOL UNION	
2303				1
2304	RELIGIOUS EDUCATION	CALIFORNIA	GRADUATE THEOL UNION	
2304				1

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2395	RELIGION & PERSONALITY SCI	CALIFORNIA	GRADUATE THEOL UNION	
2395				1
2396	RELIGION AND SOCIETY	CALIFORNIA	GRADUATE THEOL UNION	
2396				1
2397	HISTORICAL STUDIES	CALIFORNIA	GRADUATE THEOL UNION	
2397				1
2398	NEAR EASTERN RELIGIONS	CALIFORNIA	GRADUATE THEOL UNION	
2398				1
2399	OTHER THEOLOGY	CALIFORNIA	FULLER THEOLOGICAL SEM	
			GRADUATE THEOL UNION	
			SCH OF THEO AT CLAREMONT	
		COLORADO	ILIFF SCHOOL OF THEOLOGY	
		OREGON	WESTERN CONS BAPTIST SEM	
2399				5
4902	BIO AND PHY SCI	OREGON	OREGON STATE UNIVERSITY	
			OREGON GRADUATE CENTER	
4902				2
4903	HUMANITIES AND SOC SCI	CALIFORNIA	STANFORD UNIVERSITY	
			U OF CAL IRVINE	
		NEW MEXICO	U OF NM MAIN CAMPUS	
4903				3
4904	ENGINEERING AND OTHER	ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	U OF CAL LOS ANGELES	
4904				2
4991	INTERDISCIPLINARY PROGRAMS	CALIFORNIA	U OF CAL BERKELEY	
4991				1
4992	INTERDISCIPLINARY PROGRAMS	CALIFORNIA	U OF CAL BERKELEY	
		OREGON	PORTLAND STATE UNIVERSITY	
4992				2
4993	INTERDISCIPLINARY PROGRAMS	CALIFORNIA	U OF CAL BERKELEY	
		OREGON	PORTLAND STATE UNIVERSITY	

PROGRAM INDEX TO WICHE
INVENTORY OF DOCTORAL DEGREE PROGRAMS
IN THE WESTERN UNITED STATES

HEGIS CODE	PROGRAM	STATE	INSTITUTION	PROGRAMS
4993				2
4994	INTERDISCIPLINARY PROGRAMS	CALIFORNIA	U OF CAL BERKELEY	
4994				1
4995	INTERDISCIPLINARY PROGRAMS	CALIFORNIA	U OF CAL BERKELEY	
4995				1
4998	INTERDISCIPLINARY PROGRAMS	CALIFORNIA	U OF CAL SANTA CRUZ	
4998				1
4999	OTHER INTERDISC STUDIES	ALASKA	U OF ALASKA FAIRBANKS	
		ARIZONA	UNIVERSITY OF ARIZONA	
		CALIFORNIA	STANFORD UNIVERSITY	
			U OF CAL IRVINE	
			U OF CAL LOS ANGELES	
			U CAL SAN FRISCO MEDL CTR	
			U OF CAL SANTA BARBARA	
			U OF CAL SANTA CRUZ	
			RAND GRAD INST POL STDIES	
		COLORADO	U OF NORTHERN COLORADO	
		WASHINGTON	UNIVERSITY OF WASHINGTON	
4999				11

PART II

DOCTORAL PROGRAM INVENTORY

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                                        WICHE DOCTORAL PROGRAM INVENTORY                                   PAGE 1
                                                   MAY 1979

HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

                                  *****  EARNED DEGREES CONFERRED  *****                                 MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/      1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION        MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0101        AGRICULTURAL CHEMISTRY
       U OF CAL DAVIS, CALIFORNIA
                               3    3     2    3     1    9     2    3     2    2     33          0         33       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           STUDY RELATING TO CHEMICAL AND BIOCHEMICAL ASPECTS  OF SUCH FIELDS AS FOOD, TEXTILES, PESTICIDES,
           AND  ENVIRONMENTAL POLLUTION. RESEARCH INCLUDES BASIC  AND APPLIED PROBLEMS IN ANALYTICAL,
           INORGANIC, ORGANIC, PHYSICAL, OR BIOLOGICAL CHEMISTRY. GRADS ARE IN DEMAND BY ACADEMIC INSTITUTIONS,
           GOVERNMENTALAGENCIES, AND MANY INDUSTRIES. PREREQS.: ADMISSIONREQUIRES THE CHEMISTRY, PHYSICS, AND
           MATH NECESSARY FOR A BA DEGREE IN CHEMISTRY, TWO LETTERS OF RECOMMENDATION; GRE SCORES RECOMMENDED.


0101       TOTAL

                               3    3     2    3     1    9     2    3     2    2     33          0         33



           COUNT

                               1



0102        AGRONOMY AND PLANT GENETICS
       UNIVERSITY OF ARIZONA, ARIZONA
                              11    4     8    2     6    2     9    4     6    5     31         19         50       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           CONCENTRATIONS ARE AVAILABLE IN PHYSIOLOGY, ECOLOGY, PLANT BREEDING, GENETICS, WEED SCIENCES, AND
           AGRONOMIC AND HORTICULTURAL PRODUCTION. PROSPECTIVE  APPLICANTS SHOULD CONSULT WITH THE DEPARTMENT
           HEAD FOR SPECIFIC REQUIREMENTS IN THEIR AREA OF PROPOSED CONCENTRATION.

        AGRONOMY
       COLORADO STATE UNIVERSITY, COLORADO
                               9    5     8    4    13    7    11    6    16    6                           61       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PROGRAMS IN CROP SCIENCE, SOIL SCIENCE, OR PLANT GENETICS. CROP SCIENCE SPECIALTIES: PLANT BREEDING,
           PLANT GENETICS, CROP PHYSIOLOGY, OR CROP PRODUCTION. SOIL SCIENCE SPECIALTIES: SOIL FERTILITY, SOIL
           CHEMISTRY, SOIL MICROBIOLOGY, SOIL PHYSICS, SOIL  CLASSIFICATION & SURVEYING, SOIL-WATER-PLANT
           RELATIONS, OR SOIL MANAGEMENT. EMPHASIS ALSO MAY BE PLACED ON FOREST & RANGE SOILS.DYNAMICS, SYSTEMS
           ECOLOGY, MODELING, NUTRITION & PHYSIOLOGY, ADMIN, HABITAT MGT & WILDLIFE VALUES.
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HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

                                 ***** EARNED DEGREES CONFERRED *****                                                 MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT  REACHED

0102        AGRONOMY AND SOIL SCIENCES
        U OF HAWAII AT MANOA, HAWAII
                             6    5     3    3     6    8     5    3     8   11     33         11       44       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            IN AGRONOMY TROPICAL CROP PRODUCTION, CROP PHYSIOLOGY, WEED SCIENCE, PLANT BREEDING, CYTOGENETICS,
            PASTURE MANAGEMENT, & PLANT-SOIL RELATIONSHIPS: IN  SOIL SCIENCES TROPICAL SOIL GENESIS, SOIL
            CHEMISTRY, SOIL PHYSICS, SOIL MINERALOGY, SOIL SALINITY,  SOIL MANAGEMENT, SOIL & WATER
            CONSERVATION, SOIL  FERTILITY, & SOIL BIOLOGY. GRADUATES ARE PREPAREDFOR TEACHING, RESEARCH &
            SERVICE. PREREQS: MINIMUMOF 18 UNDERGRADUATE CREDITS IN AGRONOMY OR SOIL SCIENCES & CERTAIN COURSES
            FROM RELATED FIELDS.

            AGRONOMY
        NM STATE U MAIN CAMPUS, NEW MEXICO
                             3    0     6    3     5    1     2    0     6    1                         37       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            CROP SCIENCE, SOIL SCIENCE, GENERAL AGRONOMY, MINOR FIELD RECOMMENDED, SPECIAL/RESEARCH/LAB/FIELD
            REQUIREMENTS-LANGUAGE REQUIREMENT, RESEARCH TOOL, TEACHING REQUIREMENT, DOCTORAL DISSERTATION.
            CAREER  PREPARATION-COMMERCIAL ORGANIZATIONS, EDUCATIONALINSTITUTIONS, GOVERNMENTAL AGENCIES,
            PRIVATE PRODUCTION ENTERPRISES, HIGHER EDUCATION FACULTY.

            CROP SCIENCE
        OREGON STATE UNIVERSITY, OREGON
                             3    7     7    7    10    5     4    7    17    1     48         13       61       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            THE DEPARTMENT OF CROP SCIENCE OFFERS GRADUATE WORK LEADING TOWARD THE MASTER OF SCIENCE AND
            DOCTOROF PHILOSOPHY DEGREES WITH A MAJOR IN CROP SCIENCE. AREAS OF SPECIALIZATION INCLUDE CROP
            PRODUCTION.  CROP PHYSIOLOGY AND ECOLOGY, CROP BREEDING AND GENETICS, PASTURE PRODUCTION, AND
            MANAGEMENT, SEED PHYSIOLOGY, SEED TECHNOLOGY, AND WEED CONTROL. AN INTERDEPARTMENTAL MAJOR IN
            GENETICS IS ALSO OFFERED  (SEE GENETICS).

            AGRONOMY
        WASHINGTON ST UNIVERSITY, WASHINGTON
                             3    2     3    0     4    0     5    1     3    1     22          4       26       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            STUDIES OF PLANT PHYSIOLOGY & EXPERIMENTAL MORPHOLOGY, CYTOGENTICS & PLANT BREEDING & CROP
            ECOLOGY.PREREQUISITES FOR ADMISSION INCLUDE: BACKGROUND IN  NATURAL SCIENCES & MATHEMATICS INCLUDING
            BOTANY THROUGH PLAN PHYSIOLOGY, MATH THROUGH CALCULUS, CHEMISTRY THROUGH QUANTITATIVE ANALYSIS,
            PHYSICS & BASIC COURSES IN AGRONOMY & SOILS.

            AGRONOMY
        UNIVERSITY OF WYOMING, WYOMING
                             1    2     0    0     3    0     3    1     2    0                         12       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            RESEARCH PROBLEMS UNDERTAKEN AT VARIOUS UNIVERSITY  FARMS, EXPERIMENTAL AREAS, LABORATORIES,
            INSECTARY AND GREEN HOUSE FACILITIES.  CANDIDATES ARE REQUIRED TO TAKE 12 ADDITIONAL HOURS BEYOND
            THEIR COURSE WORK TO FULFILL TOOLS/LANGUAGE REQUIREMENT.
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HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

                               ***** EARNED DEGREES CONFERRED *****                                           MANDATORY     CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON    LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT    REACHED

0102     TOTAL

                             35   25    35   19    47   23    39   22    58   25     134         47       291


         COUNT

                              7



0103        SOIL AND WATER SCIENCE
         UNIVERSITY OF ARIZONA, ARIZONA
                              0    0     4    2     2    2     9    2     4    6      23         10        33      NO           N/A
           BRIEF PROGRAM DESCRIPTION
             CONCENTRATIONS ARE AVAILABLE IN SOIL FERTILITY, CHEMISTRY, PHYSICS, MICROBIOLOGY, CONSERVATION, AND
             CLASSIFICATION, WATER QUALITY, IRRIGATION, WATER  RESOURCES DEVELOPMENT, WASTE MANAGEMENT AND
             POLLUTION CONTROL, MECHANIZATION OF FIELD AND VEGETABLECROP PRODUCTION, ENVIRONMENTAL CONTROL AND
             MATERIALS HANDLING, AND AGRICULTURAL SYSTEMS ANALYSIS ANDDESIGN. ADEQUATE UNDERGRADUATE PREPARATION
             IN ENGINEERING, PHYSICAL SCIENCES, OR BIOLOGICAL SCIENCESNECESSARY FOR ADMISSION.

            SOILS SCIENCE
         U OF CAL BERKELEY, CALIFORNIA
                              3    2     1    3     2    1     6    0     0    0      13          0        13      YES          NO


            SOIL SCIENCE
         U OF CAL DAVIS, CALIFORNIA
                              5    6     6    5     7    5    11    3     6    7      62          0        62      NO           N/A
           BRIEF PROGRAM DESCRIPTION
             FIELDS OF SPECIALIZATION INCLUDE PHYSICS, CHEMISTRY, MINERALOGY, SOIL MORPHOLOGY AND CLASSIFICATION,
             FERTILIZERS AND PLANT NUTRITION, BIOCHEMISTRY, MICROBIOLOGY, AND AGRICULTURAL PRODUCTION. CAREER
             OPPORTUNITIES INCLUDE RESEARCH AND TEACHING WITH PRIVATE, DISTRICT, STATE, FEDERAL, AND
             INTERNATIONAL  ORGANIZATIONS, FARM MANAGEMENT.

            SOILS SCIENCE
         U OF CAL RIVERSIDE, CALIFORNIA
                              4    8     3    6     1    2     5    7     5    5      33                   33      NO           N/A
           BRIEF PROGRAM DESCRIPTION
             FIELDS OF SPECIALIZATION INCLUDE SOIL PHYSICS, SOIL CHEMISTRY, SOIL MICROBIOLOGY, SOIL MORPHOLOGY,
             GENESIS AND CLASSIFICATION, AND MINERAL NUTRITION OF PLANTS. NORMALLY, TRAINING EQUIVALENT TO A
             BACHELOR'S DEGREE IN SOIL SCIENCE AT THE UNIVERSITY OFCALIFORNIA, RIVERSIDE, OR A BACHELOR'S DEGREE
             IN A  BIOLOGICAL OR PHYSICAL SCIENCE IS REQUIRED. THE PH.D. PROGRAM PREPARES STUDENTS FOR CAREERS IN
             TEACHING, RESEARCH, OR A COMBINATION OF THE TWO, AND FOR CAREERS IN CERTAIN PHASES OF INDUSTRY.
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HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0103	SOILS SCIENCE UNIVERSITY OF IDAHO, IDAHO	1	2	1	1	2	0	1	0	2	1	11	3	14	NO	N/A

BRIEF PROGRAM DESCRIPTION

UNDER THE MAJOR IN SOILS, STUDENTS MAY CONCENTRATE IN SOIL CHEMISTRY, SOIL FERTILITY, AND IN SOIL GENESIS, MORPHOLOGY AND CLASSIFICATION. CONSIDERABLE EMPHASIS IS PLACED ON THE ALLIED FIELDS OF BIOCHEMISTRY, BOTANY AND CHEMISTRY.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	CROP & SOILS SCIENCE MONTANA STATE UNIVERSITY, MONTANA	7	4	1	2	6	4	5	2	6	3			7	NO	N/A

BRIEF PROGRAM DESCRIPTION

EMPHASIS IN THE AGRONOMY OPTION IS IN PLANT BREEDING, CROP PRODUCTION, CROP PHYSIOLOGY, CYTOGENETICS, POPULATION GENETICS, WEED CONTROL, SEED TECHNOLOGY. EMPHASIS IN THE RECREATION RESOURCE MANAGEMENT OPTION INCLUDES TURF & GROUND COVER, BREEDING, MANAGEMENT OF PLANT MATERIALS, AND SITE INVENTORY ANALYSIS. EMPHASIS IN THE SOILS OPTION INCLUDES PHYSICS, CHEMISTRY, FERTILITY, MINERALOGY, GENESIS, MORPHOLOGY AND LAND USE.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	SOILS SCIENCE OREGON STATE UNIVERSITY, OREGON	0	3	9	2	7	2	4	5	4	4	25	6	31	NO	N/A

BRIEF PROGRAM DESCRIPTION

THE DEPARTMENT OF SOIL SCIENCE OFFERS GRADUATE WORK LEADING TOWARD THE MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY DEGREES WITH A MAJOR IN THE FIELD OF SOIL SCIENCE. THE GRADUATE PROGRAM MAY INCLUDE RESEARCH AND STUDY IN SOIL FERTILITY, SOIL PHYSICS,IRRIGATION, FOREST SOILS, SOIL CHEMISTRY, CLAY MINERALOGY, PLANT NUTRITION, SOIL MICROBIOLOGY, SOIL CLASSIFICATION, GENESIS AND MORPHOLOGY OF SOILS. AND LAND USE. A GREAT DIVERSITY OF SOILS AND SOILPROBLEMS ARE AVAILABLE FOR STUDY.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	SOILS SCIENCE UTAH STATE UNIVERSITY, UTAH	5	2	10	3	5	2	8	3	7	1			35	NO	N/A

BRIEF PROGRAM DESCRIPTION

(1) SOIL SCIENCE, EMPHASIS ON FOOD PRODUCTION. RESEARCH ON ENVIRON. POLLUTION, WATER QUALITY, NATURAL RESOURCES, ECOLOGY, LAND USE. (2) BIOMETEOROLOGY, DIRECTED TO THE PHYSICAL ENVIRONMENT AND LIVING ORGANISMS, STUDIES OF RADIATION AND TURBULENT PROCESSES, REMOTE SENSING, HEAT AND WATER EXCHANGE, AIR POLLUTION AND WEATHER MODIFICATION UNDER ALPINE CONDITIONS. CAREER PREPARATION FOR UNIVERSITY RESEARCH AND TEACHING, RESEARCH IN PRIVATE INDUSTRY OR FEDERAL AGENCIES.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	SOILS SCIENCE WASHINGTON ST UNIVERSITY, WASHINGTON	0	1	2	2	2	3	6	0	7	1	21	2	23	NO	N/A

BRIEF PROGRAM DESCRIPTION

STUDY MAY BE ON THE PHYSICAL, CHEMICAL, BIOLOGICAL, MINERALOGICAL, GEOMORPHOLOGICAL, OR FERTILITY ASPECTS OF THE SYSTEM. PREREQUISITES: BROAD BACKGROUND IN NATURAL SCIENCES & MATHEMATICS INCLUDING BACTERIOLOGY, PLANT PHYSIOLOGY, GEOLOGY, CALCULUS. 15 HOURS OF SOILS. 24 HOURS OF CHEMISTRY & PHYSICS,& 6 HOURS OF AGRONOMY, FORESTRY, OR HORTICULTURE.

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HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

                              ***** EARNED DEGREES CONFERRED *****                                             MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

0103     TOTAL

                            25   28    37   26    34   21    55   22    41   28     188         21       251



         COUNT

                             9



0104       ANIMAL PHYSIOLOGY
         UNIVERSITY OF ARIZONA, ARIZONA
                             0    0     6    0     1    1     3    2     1    2      15          7        22        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             IT IS RECOMMENDED THAT APPLICANTS TO THIS PROGRAM  HAVE A FUNDAMENTAL KNOWLEDGE OF ZOOLOGY,
             CHEMISTRY, MATHEMATICS, AND PHYSICS.

           ANIMAL SCIENCE
         COLORADO STATE UNIVERSITY, COLORADO
                            11    8    14    7    10    8    16    2    20    2                           58        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             SPECIALIZATIONS IN ANIMAL SCIENCE ARE OFFERED IN ANIMAL BREEDING & GENETICS, ANIMAL NUTRITION,
             MEATS, PRODUCTION MANAGEMENT & ANIMAL REPRODUCTION. PROGRAMS IN AVIAN SCIENCE ARE OFFERED WITH
             SPECIALIZATIONS IN POULTRY NUTRITION, POULTRY MANAGEMENT & DISEASE CONTROL, POULTRY PRODUCTS
             TECHNOLOGY, AVIAN  GENETICS & PHYSIOLOGY.

           ANIMAL/RANGE SCIENCE
         NM STATE U MAIN CAMPUS, NEW MEXICO
                            16    0    20    0    24    0    19    2    19    2                           71        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             EMPHASES-ANIMAL SCIENCE-ANIMAL SCIENCE: EMPHASES-RANGE SCIENCE-RANGE SCIENCE. CAREERS-ANIMAL
             SCIENCE: RESEARCH, EXTENSION, TEACHING, PRODUCTION, AND CONSERVATION. CAREERS-RANGE SCIENCE:
             RESEARCH, EXTENSION, TEACHING, PRODUCTION AND CONSERVATION.

           ANIMAL SCIENCE
         OREGON STATE UNIVERSITY, OREGON
                             3    6     4    2     5    4     8    2    11    2      38          3        41        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             THE DEPARTMENT OF ANIMAL SCIENCE OFFERS GRADUATE WORK LEADING TO THE MASTER OF SCIENCE DEGREES WITH
             MAJOR EMPHASIS IN THE FIELDS OF LIVESTOCK OR DAIRY MANAGEMENT AND MEAT SCIENCE. BOTH THE MASTER OF
             SCIENCE AND DOCTOR OF PHILOSOPHY DEGREES ARE OFFERED IN NUTRITION, PHYSIOLOGY AND ANIMAL BREEDING OR
             GENETICS.
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HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

                             ***** EARNED DEGREES CONFERRED *****                                                    MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION     MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0104        ANIMAL AND DAIRY SCIENCE
       UTAH STATE UNIVERSITY, UTAH
                            1    1     3    0    11    2     3    1     3    2                             18         NO         N/A
         BRIEF PROGRAM DESCRIPTION
           SCIENTIFIC AND APPLIED ASPECTS OF FARM ANIMALS AND  POULTRY. AREAS OF SPECIALIZATION INCLUDE ANIMAL
           BREEDING, NUTRITION, PHYSIOLOGY, MGT, TOXICOLOGY. CAREER PREPARATION FOR RESEARCH, TEACHING, AND
           EXTENSION IN AGRICULTURE AND AGRIBUSINESS, BOTH DOMESTIC AND FOREIGN. PREREQS: BACKGROUND IN ANIMAL
           AGRICULTURE (BS OR MS IN ANIMAL SCIENCE, PRACTICAL EXPERIENCE ON FARM OR RANCH, OR ANIMAL SCIENCE
           COURSES), AND COURSES IN BASIC SCIENCES DEPENDING ON THE  AREA OF SPECIALIZATION, ACCEPTABLE GRE
           SCORES.

          ANIMAL SCIENCE
       WASHINGTON ST UNIVERSITY, WASHINGTON
                            2    2     5    0     6    2     8    3     8    3      39          7          46         NO         N/A
         BRIEF PROGRAM DESCRIPTION
           STUDY IN THE FOLLOWING AREAS: GENETICS, MEATS, NUTRITION, PHYSIOLOGY & PRODUCTION. PREREQUISITES:
           MAJOR IN ANIMAL SCIENCE, BIOLOGY, ZOOLOGY, OR SOME RELATED FIELD INCLUDING 15 HOURS GENERAL BIOLOGY,
           2  SEM. INORGANIC CHEMISTRY, 1 SEM. ORGANIC CHEMISTRY, 2 SEM. PHYSICS, 1 SEM. MATHEMATICS, & 1 SEM.
           ANIMAL PRODUCTION.

          ANIMAL SCIENCE
       UNIVERSITY OF WYOMING, WYOMING
                            3    1     3    4     6    0     6    4     3    1                             24         NO         N/A
         BRIEF PROGRAM DESCRIPTION
           SPECIALIZATION IN BREEDING, NUTRITION, WOOL, PHYSIOLOGY.  PREREQS: READING KNOWLEDGE OF 2 FOREIGN
           LANGUAGES OR ONE LANGUAGE AND ONE TOOL.  STUDENT CAN  CHOOSE TO TAKE ADDITIONAL 18 HOURS OF COURSE
           WORK  IN LIEU OF LANGUAGE AND TOOLS.

0104   TOTAL

                           36   18    55   13    63   17    63   16    65   14      92         17         280


       COUNT

                            7
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HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

                                  *****  EARNED DEGREES CONFERRED  *****                                    MANDATORY    CEILING
HEGIS   NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE      INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0106        POULTRY SCIENCE
        OREGON STATE UNIVERSITY, OREGON
                              2    1    0    2    1    0    3    0    1    0      10          3         13       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            EMPHASIS IN THE FIELDS OF NUTRITION, GENETICS, REPRODUCTIVE-PHYSIOLOGY AND MANAGEMENT. THE
            DEPARTMENT HAS THREE RESEARCH FACILITIES, TWO DEVOTED TO CHICKENS AND ONE TO TURKEYS. STUDENT
            RESEARCH MAY INVOLVE WORK WITH CHICKENS, TURKEYS AND/OR COTURNIXQUAIL. ADEQUATE LIBRARY AND
            LABORATORY SUPPORT FACILITIES ARE AVAILABLE AND CLOSE COOPERATION EXISTS  WITH VARIOUS OTHER CAMPUS
            DEPARTMENTS.


0106    TOTAL

                              2    1    0    2    1    0    3    0    1    0      10          3         13



        COUNT

                              1




0107        FISHERIES SCIENCE AND WILDLIFE ECOLOGY
        UNIVERSITY OF ARIZONA, ARIZONA
                              7    0    2    1    5    0    3    0    5    0      12          8         20       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            GRADUATE PROGRAMS ARE INDIVIDUALLY PLANNED. ALL STUDENTS ARE URGED TO GAIN A BROAD UNDERSTANDING
            OFCHING IN THE AREA OF NATURAL RESOURCE MANAGEMENT &  FUNDAMENTAL RELATIONS OF HUMANS AND THEIR
            ENVIRONIALIZATION. STUDENTS ARE URGED TO GAIN A BROAD UND. SOIL, AND CLIMATE.  AS THEY AFFECT
            FUNDAMENTAL RELATIONS OF HUMANS &  THEIR ENVIRONMENT, PARTICULARLY THOSE INVOLVING PLANTS, ANIMALS,
            SOIL & CLIMATE. RESEARCH WORK MUSTBE CONCERNED WITH A FIELD PROBLEM.

            FISHERY & WILDLIFE BIOLOGY
        COLORADO STATE UNIVERSITY, COLORADO
                             29    7   17    2   24    6   24    3   23    3                                 73       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            PROGRAMS IN FISHERY BIOLOGY INCLUDE ECOLOGY & MANAGEMENT OF STREAMS, LAKES & RESERVOIRS; FISH
            NUTRITION; TAXONOMY; FISH PHYSIOLOGY; PATHOLOGY; POPULATION DYNAMICS; & FISH CULTURE. WILDLIFE
            BIOLOGY PROGRAMS INCLUDE BIG GAME; UPLAND GAME; WATERFOWL; NONGAME WILDLIFE; PUBLIC RELATIONS;
            BEHAVIOR; PATHOLOGY; POPULATION DYNAMICS; SYSTEMS ECOLOGY; MODELING; NUTRITION & PHYSIOLOGY;
            ADMINISTRATION; HABITAT  MANAGEMENT; & WILDLIFE VALUES.

            FISH AND WILDLIFE MANAGEMENT
        MONTANA STATE UNIVERSITY, MONTANA
                              8    1    9    0    0    0    8    1    6    0                                 23       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            RESEARCH IN FISH AND WILDLIFE INCLUDES PROJECTS IN  FISHERIES, BIG GAME, GAME BIRDS AND HABITAT
            MANAGEMENT.
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HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

                                  ***** EARNED DEGREES CONFERRED *****                                     MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/      1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION        MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

0107        FISHERIES AND WILDLIFE
       OREGON STATE UNIVERSITY, OREGON
                              17    2    19   10    15    4    22    7    17    3      71          21        92        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE WILDLIFE PROGRAM SPECIALIZES IN RESEARCH CONCERNING INTERACTION OF WILDLIFE WITH LAND USES,
           MIGRATORY WATERFOWL, DEER NUTRITION AND HERD HEALTH, PEST CONTROL ENDANGERED SPECIES, AND POPULATION
           DYNAMICS. FISHERIES RESEARCH FOCUSES ON QUANTITATIVE  ANALYSES OF MARINE AND FRESHWATER FISH
           POPULATIONS, WATER QUALITY, FISH SYSTEMATICS, INVERTEBRATE FISHERIES, FISH AND INVERTEBRATE
           PHYSIOLOGY, MODELING OF AQUATIC ECOSYSTEMS, LAND USE INTERACTIONS, ENDANGERED SPECIES, AND
           AQUACULTURE.

          WILDLIFE SCIENCE
       UTAH STATE UNIVERSITY, UTAH
                              18    5     4    5    12    4    14    3    18    9                           53        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           TERRESTRIAL WILDLIFE BIOLOGY AND ECOLOGY: AQUATIC  WILDLIFE BIOLOGY AND ECOLOGY: ANIMAL BEHAVIOR,
           ANIMAL POPULATION ECOLOGY: APPLICATION OF SYSTEMS ANALYSIS, MODELING, AND COMPUTER SIMULATION TO
           BIOLOGICAL PROCESSES AND RESOURCE MGT. PROBLEMS. CAREERPREPARATION FOR TEACHING AND RESEARCH AT
           UNIVERSITY LEVEL, IN RESOURCE MGT AGENCIES, OR IN PRIVATE RESOURCE OR CONSULTING FIRMS. PREREQS:
           EARNED MASTERS DEGREE IN APPROP. FIELD, ACCEPTABLE GPA AND GRESCORES.


0107   TOTAL

                              79   15    51   18    56   14    71   14    69   15      83          29       261


       COUNT

                               5



0108        HORTICULTURE
       UNIVERSITY OF ARIZONA, ARIZONA
                               1    0     5    0     3    0     9    2     8    1      16          10        26        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           IN THE DEPARTMENT OF PLANT SCIENCES. CONCENTRATIONS WITHIN THE DEPARTMENT OF PLANT SCIENCES INCLUDE
           PHYSIOLOGY, ECOLOGY, PLANT BREEDING, GENETICS, WEED SCIENCE, AND AGRONOMICS AND HORTICULTURAL
           PRODUCTION.

          HORTICULTURE
       COLORADO STATE UNIVERSITY, COLORADO
                               1    1    11    0     6    1    11    0     9    0                           30        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PROGRAMS ARE OFFERED IN HORTICULTURAL FOOD CROPS,  FLORICULTURE, NURSERY & LANDSCAPE MANAGEMENT &
           TURF MANAGEMENT, INTERDISCIPLINARY PROGRAMS ARE POSSIBLE IN PLANT PHYSIOLOGY, PLANT PATHOLOGY,
           ENTOMOLOGY, EXTENSION EDUCATION, BUSINESS ADMINISTRATION,ETC.TION, BUSINESS ADMINISTRATION, ETC.
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HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

                              ***** EARNED DEGREES CONFERRED *****                                      MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74   1974-75   1975-76   1976-77   1977-78  GRADUATE ENROLLMENT 1977-78 CEILING ON  LEVEL
CODE     INSTITUTION       MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME  PART-TIME  TOTAL ENROLLMENT  REACHED

0108      HORTICULTURE
       U OF HAWAII AT MANOA, HAWAII
                              8    6    4    6   11    1    7    5    6    4    18         19        37      NO         N/A
         BRIEF PROGRAM DESCRIPTION
           TROPICAL FRUIT BREEDING AND CULTURE, BIOCHEMICAL GENETICS, VEGETABLE BREEDING AND CULTURE, ORCHID
           CYTOGENETICS. HERBICIDE PHYSIOLOGY, TROPICAL CROP ECOLOGY, TROPICAL FLOWER BREEDING, PHYSIOLOGY AND
           CULTURE OF ORNAMENTAL PLANTS, MORPHOGENESIS AND BIOCHEMISTRY OF PLANT GROWTH AND REPRODUCTION, TURF
           MANAGEMENT, TROPICAL LANDSCAPE HORTICULTURE. PREP. FOR TCHG, RESCH, EXT WORK, AND FOR IND & GOVT
           SVCE.PREREQS: MIN OF 25 UG CR IN PLANT SCI, BASIC COURSES IN CHEM & BOTANY, GRE APT.

          HORTICULTURE
       OREGON STATE UNIVERSITY, OREGON
                             12    3    3    1    2    3    6    1    9    1    23          3        26      NO         N/A
         BRIEF PROGRAM DESCRIPTION
           THESIS RESEARCH TOPICS FALL IN THE FIELDS OF PHYSIOLOGY, BIOCHEMISTRY, GENETICS, BREEDING, OR
           CULTURE AND MANAGEMENT OF FRUIT, VEGETABLE, OR ORNAMENTAL CROPS. DEPARTMENTAL RESEARCH AND GRADUATE
           PROGRAMS ARE ORIENTED TO BASIC AND APPLIED MISSION-ORIENTED INVESTIGATIONS WITH CLEARLY DEFINED
           OBJECTIVES. A 4-CREDIT HOUR TEACHING EXPERIENCE IS REQUIRED  OF DOCTORAL STUDENTS.

          HORTICULTURE
       WASHINGTON ST UNIVERSITY, WASHINGTON
                              2    0    3    1    3    2    5    2    2    3    33          5        38      NO         N/A
         BRIEF PROGRAM DESCRIPTION
           STUDY MAY BE IN THE FIELDS OF OLERICULTURE, POMOLOGY, OR ORNAMENTAL HORTICULTURE. THE DEPARTMENT
           ALSO PARTICIPATES IN THE INTERDEPARTMENTAL GRADUATE PROGRAMS IN ENVIRONMENTAL SCIENCE, FOOD SCIENCE
           & GENETICS. STUDENTS WITH UNDERGRADUATE MAJORS IN THE  PLANT SCIENCES, INCLUDING HORTICULTURE,
           AGRONOMY,  PLANT PATHOLOGY, ENVIRONMENTAL SCIENCE, GENETICS,  BOTANY, PLANT PHYSIOLOGY &
           BIOCHEMISTRY MAY BE WELL PREPARED FOR GRADUATE STUDY.


0108   TOTAL

                             24   10   26    8   25    7   38   10   34    9    90         37       157


       COUNT

                              5


0111      FOOD RESEARCH INSTITUTE
       STANFORD UNIVERSITY, CALIFORNIA
                              3    8   14   10   18    4   15    3   12    9                        34      NO         N/A
         BRIEF PROGRAM DESCRIPTION
           TO STUDY PROBLEMS OF FOOD SUPPLY, DISTRIBUTION, AND CONSUMPTION ON A WORLD-WIDE SCALE. RANGE OF
           INVESTIGATIONS COMPRISES THE WORLD FOOD AND AGRICULTURAL ECONOMY, DOMESTIC AND INTERNATIONAL TRADE
           IN PRIMARY PRODUCTS, AGRICULTURE AND ECONOMIC DEVELOPMENT, AND WORLD POPULATION PROBLEMS.
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HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

                                  ***** EARNED DEGREES CONFERRED *****                                        MANDATORY     CEILING
HEGIS  NAME OF PROGRAM/      1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON    LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT    REACHED

0111        AGRICULTURE ECONOMICS
         U OF CAL BERKELEY, CALIFORNIA
                            14   10      7   6      9  10      9   9      0   0     47          0        47       YES       NO



            AGRICULTURE ECONOMICS
         U OF CAL DAVIS, CALIFORNIA
                            15    6     18   3     10   6     30  10     27   4     69          0        69       NO        N/A
           BRIEF PROGRAM DESCRIPTION
             PROGRAM PROVIDES ADVANCED TRAINING IN ECONOMIC ANALYSES, STATISTICAL METHODS AND INCLUDES ELECTIVE
             FIELDS SUCH AS AGRICULTURAL MARKETING, MANAGERIAL,CONSUMER, AND RESOURCE ECONOMICS. STUDENTS ARE
             PREPARED FOR RESEARCH AND TEACHING WITH AN EMPHASIS ON MODERN ECONOMIC ANALYSIS AND PUBLIC POLICY.
             GRADS ARE PREPARED FOR CAREERS IN GOVERNMENT, BUSINESS, FARMING, TEACHING AND RESEARCH. PREREQ.:
             THREE LETTERS OF RECOMMENDATION AND GRE SCORES.

            AGRICULTURAL ECONOMICS
         COLORADO STATE UNIVERSITY, COLORADO
                             3    0      2   0      1   0      1   0      2   0                          26       NO        N/A
           BRIEF PROGRAM DESCRIPTION
             THE COLLEGE OF AGRICULTURAL SCIENCES ADMINISTERS THE PROGRAM IN AGRICULTURAL ECONOMICS LEADING TO
             THE MASTER OF AGRICULTURE DEGREE. THE M.S. AND PH.D.DEGREES IN AGRICULTURAL ECONOMICS ARE TAKEN IN
             THEDEPARTMENT OF ECONOMICS.

            AGRICULTURE ECONOMICS
         U OF HAWAII AT MANOA, HAWAII
                             6    8      6   5      9   3      7   4      7   7     30         21        51       NO        N/A
           BRIEF PROGRAM DESCRIPTION
             THE ECONOMICS OF TROPICAL AGRICULTURE, & AGRICULTURE IN DEVELOPING COUNTRIES, AGRICULTURAL SYSTEMS
             ANALYSIS (WITH THE DEPARTMENT OF AGRICULTURAL ENGINEERING): & A TYPICAL CORE PROGRAM. GRADUATES ARE
             PREPARED FOR TEACHING, RESEARCH & EXTENSION WORK IN  AGRICULTURAL & RESOURCE ECONOMICS IN
             AGRICULTURAL  COLLEGES & FOR HIGH LEVEL ECONOMIC POSITIONS WITH  STATE, FEDERAL & INTERNATIONAL
             AGENCIES. PREREQS:  PREPARATION IN STATISTICS, CALCULUS, INTERMEDIATE  ECONOMIC THEORY (MACRO- &
             MICRO-).

            APPLIED ECONOMICS
         MONTANA STATE UNIVERSITY, MONTANA
                             9    1      0   0      0   0      0   0      8   1                          12       NO        N/A
           BRIEF PROGRAM DESCRIPTION
             THE PH.D. DEGREE IS OFFERED UNDER SPECIAL CIRCUMSTANCES. MOST OF THE DEPT MEMBERS ARE ON JOINT
             APPOINTMENT WITH THE AG EXPERIMENT STATION. RESEARCH IS  BEING DONE IN THE FIELDS OF AGRICULTURAL
             MARKETING, AGRICULTURAL POLICY, TAXATION, FARM AND RANCH MANAGEMENT, AGRICULTURAL FINANCE, NATURAL
             RESOURCE  ECONOMICS, RESOURCE DEVELOPMENT, CONSUMER ECONOMICS, TRANSPORTATION AND ENERGY ECONOMICS.
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HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

                                ***** EARNED DEGREES CONFERRED *****                                          MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

0111        AGRICULTURE ECONOMICS
         OREGON STATE UNIVERSITY, OREGON
                             5    8     5    6     9    4     7    7    12    3     50          6        56       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             THE DEPARTMENT OF AGRICULTURAL AND RESOURCE ECONOMICS OFFERS GRADUATE WORK LEADING TO THE MASTER OF
             SCIENCE AND DOCTOR OF PHILOSOPHY DEGREES WITH A MAJOR EMPHASIS IN THE FIELDS OF MARKETING, FINANCE
             AND TAXATION, ECONOMETRICS AND MATHEMATICAL ECONOMICS, MARINE AND FISHERY ECONOMICS, NATURAL
             RESOURCE DEVELOPMENT, PRICE ANALYSIS, PRODUCTION ECONOMICS AND FARM MANAGEMENT IN FOOD AND FIBER
             INDUSTRIES. INTERNATIONAL TRADE AND ECONOMIC DEVELOPMENT AND AGRICULTURAL POLICY.

            AGRICULTURE ECONOMICS
         WASHINGTON ST UNIVERSITY, WASHINGTON
                            10    5     6    7     8    6     8    5     8    9     45          6        51       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             AGRICULTURAL POLICY, AGRICULTURAL DEVELOPMENT, RESOURCE ECONOMICS, PRODUCTION ECONOMICS, FARM
             MANAGEMENT, AGRI-BUSINESS MANAGEMENT, AGRICULTURAL MARKETING & QUANTITATIVE METHODS. PREREQUISITES:
             AN UNDERSTANDING OF BASIC ECONOMIC THEORY, METHODS OF HANDLING STATISTICAL DATA PERTAINING TO
             ECONOMICS &MATHEMATICS.


0111     TOTAL

                            65   46    58   37    64   33    77   38    76   33    241         33       346


         COUNT

                             8



0113        FOOD SCIENCE AND TECHNOLOGY
         OREGON STATE UNIVERSITY, OREGON
                             6    6     3    3     6    0     6    3     7    3     37          3        40       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             RESEARCH AREAS WITHIN THE DEPARTMENT INCLUDE BOTH  BASIC AND APPLIED ASPECTS OF THE MICROBIOLOGY,
             ENZYMOLOGY, AND TOXICOLOGY OF FOODS: FOOD LIPIDS, PROTEINS, AND PIGMENTS: FLAVOR CHEMISTRY AND
             FLAVOR  EVALUATION; AND FOOD PROCESSING WASTE MANAGEMENT.ON-GOING STUDIES INVOLVE PRIMARILY
             SEAFOODS, DAIRYPRODUCTS, FRUITS, VEGETABLES, AND MEATS.
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HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

                              ***** EARNED DEGREES CONFERRED *****                                        MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

0113        NUTRITION AND FOOD SCIENCE
       UTAH STATE UNIVERSITY, UTAH
                            8    2     8    1    11    1     8    1    10    2                          37       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           STUDIES IN BIOCHEMICAL, MICROBIOLOGICAL AND QUALITY CHANGES THAT OCCUR DURING FOOD PROCESSING AND
           STORAGE. PROGRAMS ARE ALSO AVAILABLE IN ENGINEERING  RELATED TO PROCESSING EFFICIENCY IN FOOD
           MANUFACTURING PLANTS. THE PROGRAM ALSO INCLUDES GRADUATE STUDIES IN BASIC NUTRITION AND METABOLISM.
           CAREER PREPARATION FOR FOOD OR NUTRITION RESEARCH IN INDUSTRY, UNIVERSITIES OR GOVERNMENT. PREREQS:
           ORGANIC  CHEMISTRY, BASIC PHYSICS, AND BASIC MICROBIOLOGY.

          FOOD SCIENCE
       WASHINGTON ST UNIVERSITY, WASHINGTON
                            0    1     4    2     6    2     1    1     5    1     24          3         27       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           PREPARATION FOR BASIC & APPLIED FOOD RESEARCH, FOOD PRODUCT TECHNOLOGY, PRODUCTION DESIGN &
           DEVELOPMENT, QUALITY ASSURANCE, SENSORY EVALUATION, BUSINESS MANAGEMENT, MARKETING, TECHNICAL SALES
           & CREATIVE TECHNICAL WRITING POSITIONS IN THE FOOD INDUSTRY, ACADEMIC INSTITUTIONS OR REGULATORY &
           CONSUMER  SERVICE AGENCIES. PREREQ.: U.G. TRAINING IN QUANTITATIVE & ORGANIC CHEMISTRY,
           BIOCHEMISTRY, MICROBIOLOGY, PHYSICS, MATHEMATICS & HUMAN NUTRITION ARE  RECOMMENDED.


0113   TOTAL

                           14    9    15    6    23    3    15    5    22    6     61          6        104


       COUNT

                            3



0114        FORESTRY
       U OF CAL BERKELEY, CALIFORNIA
                           14    9    18    3    24    2    13    6     0    0     65          0         65       YES        NO
         BRIEF PROGRAM DESCRIPTION
           INCLUDES WILDLAND RESOURCE SCIENCE.

          FOREST AND WOOD SCI.
       COLORADO STATE UNIVERSITY, COLORADO
                           12    2    16    8    13   15    13    1    24    1                          80       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           PROGRAMS ARE OFFERED IN SILVICULTURE, FOREST ECOLOGY, FOREST GENETICS & MORPHOLOGY, TREE PHYSIOLOGY,
           FOREST ECONOMICS & MARKETING, FOREST BIOMETRY, FOREST FIRE SCIENCE, MULTIPLE-USE FOREST MANAGEMENT,
           REGIONAL RESOURCE PLANNING, NATURE RESOURCES ADMINISTRATION, WOOD SCIENCE & TECHNOLOGY, WOOD
           ANATOMY, WOOD CHEMISTRY & WOOD ENGINEERING.
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HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0114	FORESTRY UNIVERSITY OF IDAHO, IDAHO	18	7	17	4	16	2	33	3	31	8	83	35	118	NO	N/A

***** EARNED DEGREES CONFERRED ***** (columns 1973-74 to 1977-78)

BRIEF PROGRAM DESCRIPTION

DOCTORAL CANDIDATES ARE REQUIRED TO HAVE AN UNDERSTANDING OF THE PRINCIPLES OF RESOURCE MANAGEMENT IN AREAS OTHER THAN THAT CHOSEN AS A SPECIALIZATION. THERE IS NO GENERAL COLLEGE REQUIREMENT OF PROFICIENCY IN A FOREIGN LANGUAGE FOR THE DOCTORATE. THE COLLEGE HAS ITS OWN RESEARCH ORGANIZATION. THE FOREST, WILDLIFE AND RANGE EXPERIMENT STATION.: 1977-78 DATA ARE INCLUDED IN 0114-FORESTRY.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	FORESTRY UNIVERSITY OF MONTANA, MONTANA	4	1	5	4	10	2	7	2	9	2	40	17	57	NO	N/A

BRIEF PROGRAM DESCRIPTION

SPECIALIZED TRAINING IN THE VARIOUS FIELDS OF FORESTRY & PLANT SCIENCE. INVOLVES INVESTIGATION & ANALYSIS OF COMPLEX SCIENTIFIC & TECHNICAL SUBJECTS & REQUIRES A CREATIVE CONTRIBUTION TO IMPORTANT PROBLEMS IN THESE FIELDS. IT IS A THESIS DEGREE. GRADUATES ARE EMPLOYED IN HIGHER EDUCATION, GOVERNMENT & INDUSTRY. GRE IS REQUIRED.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	FORESTRY OREGON STATE UNIVERSITY, OREGON	24	9	20	8	17	3	24	2	26	6	70	11	81	NO	N/A

BRIEF PROGRAM DESCRIPTION

DOCTORAL PROGRAMS IN FOUR DEPARTMENTS--FOREST ENGINEERING, FOREST PRODUCTS, FOREST MANAGEMENT, FOREST SCIENCE INCLUDE--FOREST HYDROLOGY, FOREST MANAGEMENT, FOREST ECONOMICS, AND FOREST BIOMETRY: JOINTPROGRAM IN RESOURCE ECONOMICS, WOOD SCIENCE, FOREST ECOLOGY, FOREST GENETICS, FOREST PHYSIOLOGY, ANDSILVICULTURE.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	FOREST SCIENCE AND OUTDOOR RECREATION UTAH STATE UNIVERSITY, UTAH	6	0	5	0	13	3	12	2	11	2			28	NO	N/A

BRIEF PROGRAM DESCRIPTION

FORESTRY, FOREST ECOLOGY, WATERSHED MANAGEMENT, AND OUTDOOR RECREATION, WITH EMPHASES ON RESEARCH, MANAGEMENT, AND ADMINISTRATION. GRADS ARE PREPARED FOR CAREERS IN INDUSTRY, UNIVERSITIES, AND GOVERNMENT. PREREQS: MASTERS DEGREE IN APPROPRIATE FIELD, ACCEPTABLE GPA AND GRE SCORES.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	FORESTRY UNIVERSITY OF WASHINGTON, WASHINGTON	32	12	44	9	42	11	36	14	60	8	182	68	250	NO	N/A

BRIEF PROGRAM DESCRIPTION

SPECIALIZATIONS: MANAGEMENT & SOCIAL SCIENCES: BIOLOGICAL SCIENCES: OR WOOD & PAPER. OTHER SPECIAL PROGRAMS CAN BE DEVELOPED IN RESPONSE TO PARTICULAR GRADUATE NEEDS. PREREQ'S FOR ADMISSION INCLUDE: BACCALAUREATE DEGREE FROM AN INSTITUTION OF RECOGNIZED STANDING, HIGH ACADEMIC PERFORMANCE IN THE JUNIOR & SENIOR YEARS OF COLLEGE WORK.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0114	TOTAL	110	40	125	36	135	38	138	30	161	27	440	131	679		

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HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

                              *****  EARNED DEGREES CONFERRED  *****                                            MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

        COUNT

                            7



0115       RESOURCES MANAGEMENT
        U OF CAL BERKELEY, CALIFORNIA
                            0    0     0    0     0    1     0    2     0    0       6          0        6       YES         NO
          BRIEF PROGRAM DESCRIPTION
            INCLUDES: ECOSYSTEMS, ENVIRONMENTAL PLANNING SYSTEMS, & ECOLOGY.

           WATERSHED SCIENCE
        UTAH STATE UNIVERSITY, UTAH
                            3    0     2    1     5    0     3    0     9    0                           11       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            SOURCE AREAS FOR WATER SUPPLIES,DEFINING IMPACTS ON SMALL WATERSHEDS OF TIMBER
            HARVESTING,GRAZING,OFF-ROAD VEHICLES,WASTE PRODUCTS,TRANSITION FROM RURAL TO
            URBAN,REHABILITATION,RECREATION PRESSURES,USE OF HYDROLOGIC TOOLS. CAREER PREPARATION IN
            CONSULTING,TEACHING,RESEARCH,OR LAND MANAGEMENT THROUGH  FEDERAL AGENCIES. MUST QUALIFY AS
            HYDROLOGIST UNDER U.S. CIVIL SERVICE. PREREQS: ACCEPTABLE GPA & GRE SCORES. APPROPRIATE COURSES IN
            MATH,ENGINEERING,SOILS,NATURAL RESOURCES,GEOLOGY & HYDROLOGY.

0115    TOTAL

                            3    0     2    1     5    1     3    2     9    0       6          0       17


        COUNT

                            2



0116       AGRICULTURE AND FORESTRY
        U OF CAL BERKELEY, CALIFORNIA
                            4    4     7    2     1    1     4    2     0    0      14          0       14       YES         NO


0116    TOTAL

                            4    4     7    2     1    1     4    2     0    0      14          0       14
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HEGIS  NAME OF PROGRAM/          ***** EARNED DEGREES CONFERRED *****
CODE     INSTITUTION       1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  MANDATORY   CEILING
                          MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  CEILING ON  LEVEL
         COUNT                                                                                               ENROLLMENT  REACHED

                             1

0117        RANGE MANAGEMENT
       UNIVERSITY OF ARIZONA, ARIZONA
                             0    3     4    1     1    1     3    2     1    3     0    9          7       16     NO          N/A
          BRIEF PROGRAM DESCRIPTION
            CONCENTRATIONS ARE AVAILABLE IN WATERSHED HYDROLOGY, NATURAL RESOURCE RECREATION, FOREST RESOURCE
            ECONOMICS, FOREST SCIENCE, AND RANGE SCIENCE. APPLICANTS SHOULD NORMALLY HAVE COMPLETED AN
            UNDERGRADUATE MAJOR IN WATERSHED MANAGEMENT, RANGE MANAGEMENT, NATURAL RESOURCE RECREATION OR
            FORESTRY WITH TRAINING IN THE BIOLOGICAL, PHYSICAL, AND SOCIAL SCIENCES EQUIVALENT TO THAT REQUIRED
            FOR THE BACHELOR'S DEGREE AT THE UNIVERSITY OF ARIZONA.
            RANGE SCIENCE
       COLORADO STATE UNIVERSITY, COLORADO
                             8    8     8    1    11    6     9   10    14   10                        56     NO          N/A
          BRIEF PROGRAM DESCRIPTION
            STUDENTS MAY PURSUE BROAD STUDIES, SUCH AS SYSTEMS  ECOLOGY, OR MAY SPECIALIZE IN BASIC FIELDS,
            SUCHAS SOILS, ECOLOGY, BIOMETRY, NUTRITION & ECOPHYSIOLOGY. INTERDISCIPLINARY STUDY & RESEARCH ARE
            EMPHASIZED.
            RANGELAND RESOURCES
       OREGON STATE UNIVERSITY, OREGON
                             0    0     2    2     2    1     2    1     4    0    12          2       14     NO          N/A
          BRIEF PROGRAM DESCRIPTION
            ADMINISTERED THROUGH THE DEPARTMENT OF ANIMAL SCIENCE. PROGRAMS INTEGRATE PLANT, SOIL, AND
            ANIMAL-SCIENCES WITH THE PRINCIPLES OF ECOLOGY AND RESOURCEMANAGEMENT TO PREPARE PEOPLE FOR
            PROFESSIONAL WORKIN THIS FIELD. THERE ARE CONTINUING RESEARCH PROGRAMS IN THE AREAS OF RANGELAND
            PLANT AND ANIMAL ECOLOGY. THE APPLICATION OF REMOTE SENSING TO RESOURCE ANALYSIS AND WATERSHED
            SCIENCE PROVIDE ADDITIONAL RESEARCH OPPORTUNITIES.
            RANGE SCIENCE
       UTAH STATE UNIVERSITY, UTAH
                             7    5     9    3     4    4    15    1    17    2                        43     YES         YES
          BRIEF PROGRAM DESCRIPTION
            RANGE MANAGEMENT, RANGE ECOPHYSIOLOGY AND ECOLOGY,  RANGE ECONOMICS, RANGE ANIMAL NUTRITION,
            GAME-RANGE RELATIONSHIPS, WATERSHED SCIENCE, AND ARID LAND  REHABILITATION. THESES AND DISSERTATIONS
            GENERALLY REQUIRE FIELD RESEARCH. CAREER PREPARATION FOR TEACHING AND RESEARCH, ENVIRONMENTAL
            CONSULTING AND  CAREERS WITH GOVERNMENT IN PUBLIC LAND MANAGEMENT  AND ADMINISTRATION.
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HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

                                     *****  EARNED DEGREES CONFERRED  *****                                            MANDATORY   CEILING
HEGIS   NAME OF PROGRAM/    1973-74     1974-75     1975-76     1976-77     1977-78    GRADUATE ENROLLMENT 1977-78    CEILING ON  LEVEL
CODE      INSTITUTION      MAST DOCT   MAST DOCT   MAST DOCT   MAST DOCT   MAST DOCT   FULL-TIME  PART-TIME  TOTAL   ENROLLMENT  REACHED

0117         RANGE MANAGEMENT
          UNIVERSITY OF WYOMING, WYOMING
                              2    2      5    1      1    1      9    2      8    4                           27       NO          N/A
            BRIEF PROGRAM DESCRIPTION
              RESEARCH PROBLEMS ARE STUDIES AT MANY UNIVERSITY FARMS OR IN LABORATORIES AND GREEN HOUSE
              FACILITIES.  CANDIDATES ARE REQUIRED TO TAKE 12 ADDITIONAL HOURS BEYOND THEIR COURSE WORK TO FULFILL
              TOOLS/LANGUAGE REQUIREMENTS.


0117      TOTAL

                             17   18     28    8     19   15     37   15     46   16       21          9       156



          COUNT

                              5




0150         PLANT SCIENCE
          UNIVERSITY OF IDAHO, IDAHO
                              1    3      6    2      2    2      4    1      9    1       20         14        34       NO          N/A
            BRIEF PROGRAM DESCRIPTION
              UNDER THE MAJOR IN PLANT SCIENCE, STUDENTS ARE PERMITTED TO CONCENTRATE IN PLANT BREEDING AND
              GENETICS, PLANT PHYSIOLOGY, PLANT PATHOLOGY AND WEED SCIENCE WITHIN THE AREAS OF HORTICULTURE,
              AGRONOMY AND PLANT PATHOLOGY.

             PLANT SCIENCE
          UTAH STATE UNIVERSITY, UTAH
                              7    0      5    0      3    2      4    0      5    1                           18       NO          N/A
            BRIEF PROGRAM DESCRIPTION
              PROGRAM IN PLANT SCIENCE AND PLANT ECOLOGY WITH EMPHASES IN PLANT NUTRITION, CROP MGT., PLANT
              BREEDING, AND CROP PHYSIOLOGY OF AGRONOMIC AND HORTICULTURAL CROPS. CAREER PREPARATION FOR RESEARCH,
              TEACHING AND EXTENSION WITH EMPLOYMENT IN UNIVERSITIES, PRIVATE COMPANIES OR MAJOR CORPORATIONS.
              PREREQS:  MATH, CHEMISTRY, BOTANY, BIOLOGY, AND AGRICULTURAL COURSES APPROPRIATE TO THE SPECIFIC
              FIELD: ACCEPTABLE GRE SCORES.

0150      TOTAL

                              8    3     11    2      5    4      8    1     14    2       20         14        52
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HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

                                   ***** EARNED DEGREES CONFERRED *****                                       MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME   PART-TIME  TOTAL ENROLLMENT   REACHED

         COUNT

                             2




0175       FISHERIES
         UNIVERSITY OF WASHINGTON, WASHINGTON
                            22    7    30   13    19   10    28    5    37   11    130         78       208      NO          N/A
           BRIEF PROGRAM DESCRIPTION
             SPECIALIZATION IN FISHERY SCIENCE OR IN FOOD SCIENCE. AREAS WITHIN FISHERY SCIENCE INCLUDE FISH
             BEHAVIOR,FISH PHYSIOLOGY,FISH TAXONOMY,POPULATION DYNAMICS,MANAGEMENT OF FRESHWATER & MARINE
             FISHERIES,ECOLOGY & LIFE HISTORY OF FISHES,INVERTEBRATE FISHERIES,INVERTEBRATE PATHOLOGY & WATER
             QUALITY STUDIES. FOOD SCIENCE SPECIALIZATIONS IN THE CHEMISTRY,MICROBIOLOGY OR BIOCHEMISTRY OF FOODS
             & IN ADVANCED  STUDY OF FOOD PROCESSING METHODS.

0175     TOTAL

                            22    7    30   13    19   10    28    5    37   11    130         78       208


         COUNT

                             1




0199       WILDLIFE BIOLOGY
         U OF ALASKA FAIRBANKS, ALASKA
                             0    0     0    0     0    2     0    0     0    0      7         20        27      NO          N/A
           BRIEF PROGRAM DESCRIPTION
             INDIVIDUALIZED PROGRAMS AFFORD SPECIALIZED RESEARCH OPPORTUNITIES ON BIOLOGICAL PHENOMENA UNDERLYING
             THE PROBLEMS OF WILDLIFE MANAGEMENT, ESPECIALLY THOSE PHENOMENA UNIQUE TO THE ARCTIC AND SUB-ARCTIC.
             CAREER PREP. FOR RESEARCH OR AGENCY ADMINISTRATION.

           WATERSHED MANAGEMENT
         UNIVERSITY OF ARIZONA, ARIZONA
                             5    4    15    7    11    2    13    3     8    4     28         16        44      NO          N/A
           BRIEF PROGRAM DESCRIPTION
             CONCENTRATIONS ARE AVAILABLE IN WATERSHED HYDROLOGY, NATURAL RESOURCE RECREATION, FOREST RESOURCE
             ECONOMICS, FOREST SCIENCE, AND RANGE SCIENCE. APPLICANTS SHOULD NORMALLY HAVE COMPLETED AN
             UNDERGRADUATE MAJOR IN WATERSHED MANAGEMENT, RANGE MANAGEMENT, NATURAL RESOURCE RECREATION OR
             FORESTRY WITH TRAINING IN THE BIOLOGICAL, PHYSICAL, AND SOCIAL SCIENCES EQUIVALENT TO THAT REQUIRED
             FOR THE BACHELOR'S DEGREE AT THE UNIVERSITY OF ARIZONA.
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HEGIS CATEGORY: 0100 AGRICULTURE & NATURAL RESOURCE

                                  ***** EARNED DEGREES CONFERRED *****                                        MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

0199        AGRIC. CHEM.
         U OF CAL BERKELEY, CALIFORNIA
                             0    0     0    0     0    1     0    0     0    0       2          0         2       YES      NO




            WOOL SCIENCE
         UNIVERSITY OF WYOMING, WYOMING
                             1    0     0    0     0    0     0    0     0    0                            2       NO       N/A
           BRIEF PROGRAM DESCRIPTION
             SPECIALIZATION IN BREEDING AND NUTRITION.  FACILITIES INCLUDE SEMI-COMMERCIAL SCOURING AND
             PROCESSING LABORATORY.  CANDIDATES MAY CHOOSE TO HAVE READIND KNOWLEDGE OF TWO LANGUAGES, OR ONE
             LANGUAGE AND  AN APPROVED TOOL, OR PRESENT 18 SEMESTER HOURS CREDIT ABOVE MINIMUM REQUIRED OF ALL
             CANDIDATES.

0199     TOTAL

                             6    4    21   10    11    5    13    3    21    4      37         36       129


         COUNT

                             5


CATEGORY TOTAL

                           453  231   503  204   509  201   594  188   656  192    1600        461      2991


         COUNT

                            69
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WICHE DOCTORAL PROGRAM INVENTORY
MAY 1979

HEGIS CATEGORY: 0200 ENVIRONMENTAL DESIGN

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0202	ARCHITECTURE U OF CAL BERKELEY, CALIFORNIA	106	3	86	6	96	4	87	3	0	0	205	0	205	YES	NO
0202	TOTAL	106	3	86	6	96	4	87	3	0	0	205	0	205		
	COUNT	1														
0206	CITY & REGIONAL PLAN. U OF CAL BERKELEY, CALIFORNIA	41	7	40	5	30	7	52	5	0	0	104	0	104	YES	NO
	URBAN AND REGIONAL PLANNING U OF SOUTHERN CALIFORNIA, CALIFORNIA	33	0	29	0	31	0	20	0	22	0			61	NO	N/A
	BRIEF PROGRAM DESCRIPTION QUANTITATIVE ANALYSIS IN TRANSPORTATION, CRIMINALJUSTICE, HOUSING, URBAN DESIGN, COMMUNITY DEVELOPMENT, INTERNATIONAL PLANNING. PREREQUISITES: GRE APTITUDE, MASTER'S DEGREE IN PLANNING OR RELATED FIELD.															
	URBAN PLANNING UNIVERSITY OF WASHINGTON, WASHINGTON	20	7	23	4	22	2	15	2	25	5	61	28	89	NO	N/A
	BRIEF PROGRAM DESCRIPTION THE PH.D. PROGRAM OFFERS PREPARATION FOR A CAREER IN TEACHING & RESEARCH. DOCTORAL STUDENTS HAVE HAD FIELD EXPERIENCE IN SOME PROFESSIONAL WORK, NOT NECESSARILY PLANNING, & VIRTUALLY ALL HAVE A MASTERS OR THE EQUIVALENT.															
0206	TOTAL	94	14	92	9	83	9	87	7	47	5	165	28	254		

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HEGIS CATEGORY: 0200 ENVIRONMENTAL DESIGN

                                    ***** EARNED DEGREES CONFERRED *****                                          MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

         COUNT

                            3


0299        ARCH-URBAN PLANNING
         U OF CAL LOS ANGELES, CALIFORNIA
                           25    0    25    2    53    2    45    3    51    4                          181       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             THE PLANNING PROGRAM OFFERS THE M.A. AND THE PH.D.  IN URBAN PLANNING. STUDENTS MAY ELECT ONE OF
             FIVE  AREAS OF POLICY CONCENTRATION: URBAN AND REGIONAL  DEVELOPMENT POLICY, PUBLIC SERVICE SYSTEMS,
             SOCIAL DEVELOPMENT POLICY, ENVIRONMENTAL PLANNING AND MANAGEMENT, AND URBAN DESIGN. STUDENTS MAY
             ALSO CREATE THEIR OWN CONCENTRATION IN CONSULTATION WITH APPROPRIATE FACULTY MEMBERS.

0299     TOTAL

                           25    0    25    2    53    2    45    3    51               0          0     181


         COUNT

                            1


CATEGORY TOTAL

                          225   17   203   17   232   15   219   13    98    9   370         28     640


         COUNT

                            5
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HEGIS CATEGORY: 0300 AREA STUDIES

                              ***** EARNED DEGREES CONFERRED *****                                               MANDATORY     CEILING
HEGIS   NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON    LEVEL
CODE      INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT    REACHED

0301         ORIENTAL STUDIES
          UNIVERSITY OF ARIZONA, ARIZONA
                              34    0    29    1    21    0    18    0    18    2      55         34        89        NO         N/A
            BRIEF PROGRAM DESCRIPTION
              INSTRUCTION IS AVAILABLE IN THE LANGUAGES, CULTURES, AND CIVILIZATIONS OF THE MIDDLE EAST AND NORTH
              AFRICA, INDIA AND PAKISTAN, CHINA, AND JAPAN. CONCENTRATIONS ARE AVAILABLE IN LANGUAGE AND
              LITERATURE, HISTORY, THOUGHT AND SOCIETY (EITHER ANCIENT OR MODERN) OF THESE AREAS.

             ASIAN STUDIES
          U OF CAL BERKELEY, CALIFORNIA
                              18    2     7    0    11    1    14    0     0    0     245          0       245        YES        NO


             ASIAN STUDIES
          CAL INST OF ASIAN STUDIES, CALIFORNIA
                               0    0     0    1     0    0     0    0     0    0                                  NO         N/A



0301      TOTAL

                              52    2    36    2    32    1    32    0    18    2     300         34       334


          COUNT

                               3



0304         SOUTHEAST ASIAN STUDIES
          U OF CAL BERKELEY, CALIFORNIA
                               5    2     4    0     7    1     4    0     0    0      20          0        20        YES        NO


             SOUTHEAST ASIAN STUDIES
          CAL INST OF ASIAN STUDIES, CALIFORNIA
                               0    0     0    0     0    1     0    0     0    0                                  NO         N/A
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HEGIS CATEGORY: 0300 AREA STUDIES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0304	TOTAL	5	2	4	0	7	2	4	0	0	0	20	0	20		
	COUNT	2														
0306	ISLAMIC STUDIES U OF CAL LOS ANGELES, CALIFORNIA	2	1	0	1	2	2	0	0	2	1			11	NO	N/A

BRIEF PROGRAM DESCRIPTION

ADMINISTERED BY AN INTERDEPARTMENTAL COMMITTEE, THE PROGRAM PROVIDES SPECIALIZED TRAINING PRIMARILY FOR (1) ADVANCED GENERAL EDUCATION WITH A SPECIALEMPHASIS IN THIS PARTICULAR FIELD; (2) STUDENTS WHOSE CAREERS WILL BE AIDED BY A KNOWLEDGE OF ITS PEOPLES, LANGUAGES, AND PURSUITS SUCH AS TEACHING, RESEARCH, BUSINESS, ENGINEERING, JOURNALISM, GOVERNMENT SERVICES, OR LIBRARIANSHIPS; (3) STUDENTS PREPARING FOR ADVANCED STUDY IN THE LANGUAGES, PEOPLES, OR INSTITUTIONS OF THE AREA.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0306	TOTAL	2	1	0	1	2	2	0	0	2	1	0	0	11		
	COUNT	1														
0308	LATIN AMERICAN STUDIES U OF CAL BERKELEY, CALIFORNIA	0	0	0	0	0	1	0	0	0	0	3	0	3	YES	NO
0308	TOTAL	0	0	0	0	0	1	0	0	0	0	3	0	3		

HEGIS CATEGORY: 0300 AREA STUDIES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	COUNT															
		1														
0309	MIDDLE EASTERN STUDIES U OF CAL BERKELEY, CALIFORNIA	8	4	7	2	5	1	7	2	0	0	38	0	38	YES	NO
0309	TOTAL	8	4	7	2	5	1	7	2	0	0	38	0	38		
	COUNT															
		1														
0313	AMERICAN STUDIES U OF HAWAII AT MANOA, HAWAII	23	2	26	4	21	6	12	9	7	2	15	25	40	NO	N/A

BRIEF PROGRAM DESCRIPTION

CULTURAL, SOCIAL AND INSTITUTIONAL VALUES SHARED BY THE U.S. WITH ASIAN NATIONS AND ON STUDY OF ASIAN AND PACIFIC CULTURAL MINORITIES IN HAWAII AND THE U.S. MAINLAND. GRADUATES ARE PRIMARILY PREPARED FOR CAREERS IN TEACHING. PREREQS: THE M.A. IN AMERICAN STUDIES OR THE EQUIVALENT.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	AMERICAN STUDIES WASHINGTON ST UNIVERSITY, WASHINGTON	0	2	0	1	0	2	0	1	0	2	12	4	16	NO	N/A

BRIEF PROGRAM DESCRIPTION

AN INTERDISCIPLINARY PROGRAM BETWEEN THE DEPARTMENT OF ENGLISH & HISTORY. INTEGRATION OF THE DISCIPLINES INVOLVED DEVELOPS AS EACH CANDIDATE CONCENTRATES UPON EITHER AMERICAN HISTORY OR LITERATURE, MINORING IN THE FIELD NOT CHOSEN FOR THE MAJOR. PREREQUISITES: BROAD UNDERGRADUATE EDUCATION & COMPLETION OF REQUIREMENTS FOR THE MASTER OF ARTS.

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HEGIS CATEGORY: 0300 AREA STUDIES

                                  ***** EARNED DEGREES CONFERRED *****                                         MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78   CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME   PART-TIME  TOTAL  ENROLLMENT  REACHED

0313        AMERICAN STUDIES
         U OF NM MAIN CAMPUS, NEW MEXICO
                              0  10      0    4     0  12      0    6     0    9                          11       YES       YES
           BRIEF PROGRAM DESCRIPTION
             STUDY OF AMERICAN CULTURE AND CHARACTER AS A WHOLE: REGIONAL AND ETHNIC STUDIES. RESEARCH: SKILL
             INTHE METHODOLOGIES OF AT LEAST THREE DISCIPLINES AND DEMONSTRATION OF THE ABILITY TO SYNTHESIZE
             THESE  DISCIPLINES. CAREER: COLLEGE PROFESSORS, EQUAL SUCCESS IN ALTERNATIVE CAREERS IN EDUCATION,
             COMMUNICATIONS, STATE GOVT. AND MANY OTHER FIELDS.


0313     TOTAL

                            23   14    26     9   21   20    12   16      7   13     27          29        67


         COUNT

                              3



0399        INDO-EUROPEAN STUDIES
         U OF CAL LOS ANGELES, CALIFORNIA
                              0   3      0    2     0   0      0    0     0    1                           9      NO        N/A
           BRIEF PROGRAM DESCRIPTION
             AN INTERDEPARTMENTAL DEGREE COMMITTEE ADMINISTERS  A PROGRAM LEADING TO THE C.PHIL. AND PH.D. IN
             INDO-EUROPEAN STUDIES, WITH THREE AREAS OF EMPHASIS:  (1)INDO-EUROPEAN LINGUISTICS, (2)INDO-IRANIAN
             STUDIES OR OTHER SPECIALIZED LANGUAGE AREA STUDIES, AND (3)EUROPEAN AND RELATED ARCHAEOLOGY. AN
             UNDERGRADUATE MAJOR IS REQUIRED IN ONE OF THE FOLLOWING:  AN INDO-EUROPEAN LANGUAGE LINGUISTICS
             (WITH EMPHASIS ON HISTORICAL LINGUISTICS), OR ANTHROPOLOGY (WITH CONCENTRATION ON EUROPE AND ASIA).

0399     TOTAL

                              0   3      0    2     0   0      0    0     0    1       0          0         9


         COUNT

                              1
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HEGIS CATEGORY: 0300 AREA STUDIES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST		1974-75 MAST		1975-76 MAST		1976-77 MAST		1977-78 MAST		GRADUATE ENROLLMENT 1977-78 FULL-TIME			MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
			DOCT		DOCT		DOCT		DOCT		DOCT		PART-TIME	TOTAL		
CATEGORY TOTAL		90	26	73	16	67	27	55	18	27	17	388	63	482		
	COUNT	12														

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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                         *****  EARNED DEGREES CONFERRED  *****                                           MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT  REACHED

0401         BIOLOGY
        U OF ALASKA FAIRBANKS, ALASKA
                             3    0     4    2     3    1     1    1     3    0      17          27        44        NO         N/A
          BRIEF PROGRAM DESCRIPTION
            INDIVIDUALIZED PROGRAMS ARE ARRANGED TO PROVIDE SPECIALIZED RESEARCH OPPORTUNITIES WITHIN THE
            FIELDOF BIOLOGY, & ESPECIALLY THOSE PHENOMENA UNIQUE TO  THE ARCTIC & SUB-ARCTIC. STUDY USUALLY
            CONDUCTEDIN ASSOCIATION WITH A RESEARCH LABORATORY & OFTENINVOLVES FIELD STUDY IN REMOTE LOCATIONS.
            ADMISSION REQ: EACH APPLICATION REVIEWED FOR STRENGTH OF BACKGROUND. SPECIFIC CAREER & RESEARCH
            GOALS, ETC.CAREER PREP. DEPENDENT ON INDIVIDUAL'S GOALS.

             BIOLOGY
        NORTHERN ARIZ UNIVERSITY, ARIZONA
                            20    2    26    1     7    1    15    3    15    7      53           5        58        NO         N/A
          BRIEF PROGRAM DESCRIPTION
            MASTERS DEGREE IN THE TEACHING OF BIOLOGY OR M.S.IN BIOLOGY. DOCTORAL DEGREE MAY BE EARNED IN BOTANY
            OR ZOOLOGY. PREPARATION FOR EITHER ACADEMIC OR NON-ACADEMIC EMPLOYMENT. ADEQUATE SCORES FOR BOTH THE
            ADVANCED TEST IN BIOLOGY AND THE GRE ARE REQUIRED AS WELL AS PROPER UNDERGRADUATE PREPARATION AND
            LETTERS OF RECOMMENDATION.

             GENERAL BIOLOGY
        UNIVERSITY OF ARIZONA, ARIZONA
                             3    2    10    2     3    1    13    6     5    2      23          13        36        NO         N/A
          BRIEF PROGRAM DESCRIPTION
            STUDENTS ARE EXPECTED TO SPECIALIZE IN AREAS OF INTEREST TO MEMBERS OF THE FACULTY. THESE MAY
            INCLUDE BOTANY, ETHNOBOTANY, GENETICS, INVERTEBRATE ZOOLOGY, PARASITOLOGY, AND PHYSIOLOGY.
            APPLICANTS SHOULD BE PREPARED IN CHEMISTRY, PHYSICS, AND MATHEMATICS. ACCEPTABLE GRE APTITUDE AND
            ADVANCED SCORES REQUIRED.

             BIOLOGY
        CAL INST OF TECHNOLOGY, CALIFORNIA
                             2   13     1   10     3    9     5    9     1   14      82           0        82        NO         N/A
          BRIEF PROGRAM DESCRIPTION
            MAJOR SUBJECTS OF SPECIALIZATION. A STUDENT MAY PURSUE MAJOR WORK LEADING TO THE DOCTORAL DEGREE
            INANY OF THE FOLLOWING DISCIPLINES: BIOCHEMISTRY, BIOPHYSICS, CELL BIOLOGY, DEVELOPMENTAL BIOLOGY,
            GENETICS, IMMUNOLOGY, NEUROBIOLOGY, NEUROPHYSIOLOGY,PSYCHOBIOLOGY, AND VIROLOGY.

             BIOLOGY
        LOMA LINDA UNIVERSITY, CALIFORNIA
                             2    2     2    1     2    4     1    3     1    3      10          12        22        NO         N/A
          BRIEF PROGRAM DESCRIPTION
            IN COOPERATION WITH OTHER DEPARTMENTS, THE DEPARTMENT OF BIOLOGY OFFERS PROGRAMS LENDING THE DEGREES
            OF MASTER OF ARTS AND DOCTOR OF PHILOSOPHY. THE PROGRAMS PROVIDE FOR EDUCATING TEACHERS AND
            RESEARCHERS WITH A BROADER AND MORE UNIFIED APPROACH TO THE LIFE SCIENCES THAN IS OFTEN CUSTOMARY.
            INDEPENDENT RESEARCH & COURSE WORK: A CONSIDERABLE DEGREEOF SPECIALIZATION MUST BE UNDERTAKEN. A
            DOCTORAL CANDIDATE MUST COMPLETE A MASTER OF SCIENCE DEGREE  OR ITS EQUIVALENT.
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WICHE DOCTORAL PROGRAM INVENTORY
MAY 1979

HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0401	BIOLOGY STANFORD UNIVERSITY, CALIFORNIA	18	16	23	11	24	11	38	12	30	9			91	NO	N/A
	BRIEF PROGRAM DESCRIPTION MOLECULAR BIOLOGY, GENETICS, POPULATION BIOLOGY, NEUROBIOLOGY, PHYSIOLOGY, ANIMAL BEHAVIOR, MATHEMATICAL AND STATISTICAL METHODS, AND TEACHING OF BIOLOGY.															
	BIOLOGICAL SCIENCES U OF CAL IRVINE, CALIFORNIA	14	25	8	16	9	20	9	13	13	26	141	0	141	NO	N/A
	BRIEF PROGRAM DESCRIPTION INTEGRATED GRADUATE PROGRAMS OF SEVEN ACADEMIC DEPARTMENTS WITH EMPHASES IN: BIOCHEMISTRY,BIOPHYSICS AND BIOPHYSICAL CHEMISTRY,CELL BIOLOGY,DEVELOPMENTAL BIOLOGY,ECOLOGY,EVOLUTIONARY BIOLOGY,GENETICS,IMMUNOLOGY,MICROBIOLOGY,MOLECULAR BIOLOGY,NEUROSCIENCES,PHYSIOLOGY,PSYCHOBIOLOGY & VIROLOGY--ALL LEADING TO THE PH.D. IN BIOLOGICAL SCIENCES. ADMISSION REQUIREMENTS: APPROPRIATE PREPARATION IN BIOLOGY,CHEMISTRY,MATHEMATICS & PHYSICS: RESEARCH EXPERIENCE: GRE APTITUDE AND ADVANCED TESTS.															
	BIOLOGY U OF CAL LOS ANGELES, CALIFORNIA	47	13	22	13	26	26	22	22	35	21			208	NO	N/A
	BRIEF PROGRAM DESCRIPTION THE DEPARTMENT OF BIOLOGY OFFERS M.A. AND PH.D. DEGREES IN BIOLOGY WITH SPECIALIZATION IN FIELDS FROM THE TYPICAL CLASSICAL AREAS TO THE MOST MODERN DISCIPLINES. THE DEPARTMENT ENCOURAGES APPLICATIONS FROM ALL AREAS OF SCIENCE, BUT EXPECTS SUCCESSFUL APPLICANTS TO HAVE OR ACQUIRE A BACKGROUND COMPARABLE TO THE REQUIREMENTS FOR THE BACHELOR'S DEGREE IN BIOLOGY AT UCLA.															
	BIOLOGY U OF CAL RIVERSIDE, CALIFORNIA	8	4	10	3	14	6	7	2	7	5	41		41	NO	N/A
	BRIEF PROGRAM DESCRIPTION CELL BIOLOGY, INCLUDING DEVELOPMENTAL BIOLOGY, CYTOGENETICS, IMMUNOLOGY, MICROBIAL GENETICS AND MOLECULAR BIOLOGY, MICROBIAL PHYSIOLOGY, PARASITOLOGY, PLANT PHYSIOLOGY, AND PLANT ULTRASTRUCTURE; EVOLUTIONARY BIOLOGY, INCLUDING PLANT AND ANIMAL ECOLOGY, POPULATION ECOLOGY AND GENETICS, AND BIOSYSTEMATICS; AND PHYSIOLOGY, INCLUDING COMPARATIVE ANIMAL PHYSIOLOGY AND PHYSIOLOGICAL ECOLOGY, AND HUMAN PHYSIOLOGY AND ANATOMY.															
	BIOLOGY U OF CAL SAN DIEGO, CALIFORNIA	4	11	3	11	3	16	1	13	2	12	128	1	129	NO	N/A
	BRIEF PROGRAM DESCRIPTION ORIENTED MAINLY TOWARD DEVELOPMENT OF CAPACITY OF INDEPENDENT RESEARCH AND TEACHING IN THE BIOLOGICAL SCIENCES WITH EMPHASIS IN AREAS OF MOLECULAR AND CELL BIOLOGY, BIOCHEMISTRY AND BIOPHYSICS, GENETICS AND REGULATION, DEVELOPMENTAL BIOLOGY, NEUROBIOLOGY, POPULATION BIOLOGY AND IMMUNOLOGY. STRONG BACKGROUND IN MATHEMATICS, CHEMISTRY, AND PHYSICS RECOMMENDED.															

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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                                  ***** EARNED DEGREES CONFERRED *****                                          MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

0401        BIOLOGY
         U OF CAL SANTA BARBARA, CALIFORNIA
                            18   19    27   12    28   13    40   20     0    0    147           8        155      NO       N/A
           BRIEF PROGRAM DESCRIPTION
             AREAS OF EMPHASIS: 1. AQUATIC AND POPULATION BIOLOGY, 2. BIOCHEMISTRY AND MOLECULAR BIOLOGY, 3.
             ENVIRONMENTAL AND EVOLUTIONARY BIOLOGY, 4. PHYSIOLOGYAND CELL BIOLOGY.

            BIOLOGY
         U OF CAL SANTA CRUZ, CALIFORNIA
                             3    3    11    7     3   11     1    5     5    8     63                     63      NO       N/A
           BRIEF PROGRAM DESCRIPTION
             THE PROGRAM IS DESIGNED TO PREPARE STUDENTS FOR A  PRODUCTIVE CAREER IN RESEARCH AND TEACHING.
             STUDENTS ARE EXPECTED TO DEVELOP MASTERY OF THE CONCEPTS AND METHODS OF GENERAL BIOLOGY AND
             PROFICIENCY IN A SPECIAL FIELD OF INVESTIGATION.

            BIOLOGY
         U OF SOUTHERN CALIFORNIA, CALIFORNIA
                             3    6     4    8     5   11     8    5     5    5                           148      NO       N/A
           BRIEF PROGRAM DESCRIPTION
             MARINE BIOLOGY, ECOLOGY, EVOLUTION, BIOSYSTEMATICS  PREREQUISITES: GRE APTITUDE AND ADVANCED
             BIOLOGY;  B.S. IN A NATURAL SCIENCE

            BIOLOGY
         U OF NORTHERN COLORADO, COLORADO
                             3    1     5    2     7    2     6    3     5    3                            29      NO       N/A
           BRIEF PROGRAM DESCRIPTION
             THE OBJECTIVE OF THE DOCTOR OF ARTS PROGRAM IS TO  PREPARE VERSATILE & WELL-INFORMED TEACHERS OF
             BIOLOGICAL SCIENCES. EMPHASIS IS PLACED ON THE TRAINING OF EFFECTIVE TEACHERS & NOT ON THE
             PRODUCTION OF SKILLED RESEARCH SCIENTISTS. A STUDENT SUCCESSFULLY COMPLETING THIS PROGRAM WILL BE
             WELL QUALIFIEDTO TEACH BIOLOGICAL SCIENCES AT THE JUNIOR OR SENIOR COLLEGE LEVEL.

            BIOLOGY
         IDAHO STATE UNIVERSITY, IDAHO
                             7    5     8    5    11    6    14    3     8    6     43          24          67      YES        NO
           BRIEF PROGRAM DESCRIPTION
             THERE IS A PH.D. AND A DOCTOR OF ARTS (D.A.) OFFERED IN BIOLOGY. THE DEGREE IS AWARDED UPON THE
             COMPLETION OF A CERTAIN NUMBER OF CREDITS AND DEMONSTRATION OF COMPETENCE IN PEDAGOGY.

            BIOLOGY
         U OF NEVADA RENO, NEVADA
                             2    1     6    0     5    3     0    0     0    0                                    NO       N/A


            BIOLOGY
         NM STATE U MAIN CAMPUS, NEW MEXICO
                             9    2    13    8    18    3    13    2    13    4                            75      NO       N/A
           BRIEF PROGRAM DESCRIPTION
             BIOLOGY, SPECIAL/RESEARCH/LAB/FIELD REQUIREMENTS-DOCTORAL DISSERTATION, CAREER
             PREPARATION-BIOLOGISTS, HIGHER EDUCATION FACULTY.
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED	BRIEF PROGRAM DESCRIPTION
0401	BIOLOGY U OF OREGON MAIN CAMPUS, OREGON	21	8	16	14	14	6	15	6	16	10	98	27	125	NO	N/A	CLASSROOM AND LABORATORY STUDIES APPROACH BIOLOGY AS QUANTITATIVE AND MECHANISTIC SCIENCE. THESIS WORK IN GNENTICS, DEVELOPMENT, NEUROBIOLOGY, CYTOLOGY, MICROBIOLOGY OR MARINE BIOLOGY IS EXPECTED TO MAKE INDEPENDENT AND ORIGINAL CONTRIBUTION TO FIELD. GRADUATES QUALIFIED FOR TEACHING AND RESEARCH.PREREQUISITES: ACCEPTABLE UNDERGRADUATE TRANSCRIPTS, GRE SCORES, LETTERS OF RECOMMENDATION.
	BIOLOGY UNIVERSITY OF UTAH, UTAH	12	14	3	3	5	3	4	8	5	2			33	NO	N/A	A BROAD SPECTRUM OF ADVANCED STUDY RANGING FROM MOLECULAR BIOLOGY THROUGH PHYSIOLOGY TO POPULATION BIOLOGY. ACTIVE RESEARCH IS BEING CONDUCTED IN THE FOLLOWING AREAS: MOLECULAR BIOLOGY, BIOCHEMISTRY,CELL BIOLOGY, GENETICS, NEUROBIOLOGY, PLANT AND ANIMAL PHYSIOLOGY, PLANT AND ANIMAL DEVELOPMENT, FUNCTIONAL MORPHOLOGY, ANIMAL BEHAVIOR, PARISITOLOGY,POPULATION BIOLOGY AND EVOLUTION.
	BIOLOGY UTAH STATE UNIVERSITY, UTAH	8	14	11	8	12	6	10	3	19	3			87	NO	N/A	INCLUDES BACTERIOLOGY, BOTANY AND ZOOLOGY, ECOLOGY, ENTOMOLOGY, GENETICS, HERPETOLOGY, MAMMALOGY, MICROBIOLOGY (AQUATIC, DAIRY, FOOD, GENETICS, IMMUNOLOGY, PATHOGENIC, PHYSIOLOGY, AND VIROLOGY), ORNITHOLOGY, PARASITOLOGY, PHYSIOLOGY, PLANT PATHOLOGY, PLANT PHYSIOLOGY, TAXONOMY, AND VIROLOGY. TOXICOLOGY AND ECOLOGY ARE INTERDEPARTMENT PROGRAMS. CAREER PREPARATION FOR TECHNICAL POSITIONS IN GOVERNMENT AND INDUSTRY. PREREQS: ACCEPTABLE GPA AND GRE SCORES.
	E.P.O. BIOLOGY UNIVERSITY OF COLORADO, COLORADO	33	15	25	23	16	14	22	14	24	13			101	NO	N/A	CURRICULAR EMPHASES OR SUBSPECIALTIES: ENVIRONMENTAL BIOLOGY, POPULATION BIOLOGY, ORGANISMIC BIOLOGY. SPECIAL RESEARCH, LABORATORY, OR FIELD REQUIREMENTS: ONE YEAR OF TEACHING IN BIOLOGICAL SCIENCES AT THE SECONDARY LEVEL OR ABOVE. SPECIAL ADMISSIONSREQUIREMENTS: EQUIVALENT OF UNDERGRADUATE MAJOR. PRIMARY CAREERS: TEACHING AND/OR RESEARCH IN VARIOUS ASPECTS OF BIOLOGY.
	BIOLOGY U OF NM MAIN CAMPUS, NEW MEXICO	17	8	19	5	12	4	23	5	15	4			91	NO	N/A	ECOLOGY AND EVOLUTION IN GENERAL WITH SPECIFIC EMPHASES IN BEHAVIORAL ECOLOGY, COMMUNITY ECOLOGY, COEVOLUTION, ECOSYSTEM ANALYSIS, PHYSIOLOGICAL ECOLOGY, SYSTEMATIC BIOLOGY. SECONDARY EMPHASES IN CELLULAR AND MOLECULAR BIOLOGY. PRIMARY CAREERS: TEACHING AND RESEARCH, ECOLOGICAL RESEARCH WITH GOVERNMENT OR OTHER AGENCIES.

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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                          ***** EARNED DEGREES CONFERRED ** **                                                      MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0401     TOTAL

                           257  184   257  165   230  177   268  158   227  157     846        117      1826


         COUNT

                            22



0402        BOTANY
         ARIZONA STATE UNIVERSITY, ARIZONA
                             1    2     5    2     7    3     8    0     5    1      13         14        27       NO         N/A
           BRIEF PROGRAM DESCRIPTION
             STUDIES IN ECOLOGY, IMMUNOLOGY, MICROBIOLOGY (BACTERIOLOGY, ENZYMOLOGY, GENETICS), MORPHOLOGY,
             MYCOLOGY, PALEOBOTANY, PALYNOLOGY, PHYCOLOGY, PHYSIOLOGY, SYSTEMATICS, AND VIROLOGY. GRADS ARE
             PREPARED FOR TEACHING AND RESEARCH IN EDUCATIONAL INSTITUTIONS, INDUSTRY, OR GOVERNMENT AGENCIES.
             PREREQS: UNDERGRADUATE MAJOR OR EQUIVALENT IN BOTANY, ACCEPTABLE GRE SCORES.

            BOTANY
         UNIVERSITY OF ARIZONA, ARIZONA
                             8    4     2    0     2    2     0    2     0    2       2          3         5       NO         N/A
           BRIEF PROGRAM DESCRIPTION
             IN THE DEPARTMENT OF ECOLOGY AND EVOLUTIONARY BIOLOGY, WHERE DEGREES ARE OFFERED WITH MAJORS IN
             ECOLOGY AND EVOLUTIONARY BIOLOGY AND IN BOTANY. AN EXTENSIVE HERBARIUM IS SHARED WITH THE COLLEGE OF
             AGRICULTURE. FIELD WORK IS FACILITATED BY A MARINE BIOLOGY STATION AT PUERTO PENASCO, SONORA,
             MEXICO, AND BY THE AVAILABILITY OF THE SOUTHWESTERN RESEARCH STATION, PORTAL, ARIZONA AND THE
             RESEARCH RANCH,ELGIN, ARIZONA.

            BOTANY
         CLAREMONT GRADUATE SCHOOL, CALIFORNIA
                             0    0     2    2     2    2     0    1     2    0       7          4        11       NO         N/A
           BRIEF PROGRAM DESCRIPTION
             MAIN EMPHASIS ON THE STUDY OF SYSTEMATICS, AND EVOLUTION OF HIGHER PLANTS & FUNGII.

            BOTANY
         U OF CAL BERKELEY, CALIFORNIA
                             1    6     3    8     3   10     3    2     0    0      43          0        43       YES        NO
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                           ***** EARNED DEGREES CONFERRED *****                                                 MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/   1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION     MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0402        BOTANY
         U OF CAL DAVIS, CALIFORNIA
                            8    2     9    4     6    9     5    3     6    6      54             0     54      NO          N/A
           BRIEF PROGRAM DESCRIPTION
             SPECIALIZATIONS: ANATOMY, CYTOLOGY, GENETICS, BIOCHEMISTRY, ECOLOGY, MORPHOLOGY, MYCOLOGY,
             PALEOBOTANY, PHYCOLOGY, PHYSIOLOGY, AND TAXONOMY. PREP. FOR  CAREERS IN TEACHING AND RESEARCH IN
             BASIC OR APPLIED BOTANY IN UNIVERSITY, GOVERNMENT, OR INDUSTRIAL LABORATORIES.

            BOTANY
         U OF CAL RIVERSIDE, CALIFORNIA
                            0    3     0    1     0    5     0    4     3    1      19                   19      NO          N/A
           BRIEF PROGRAM DESCRIPTION
             PROGRAM EMPHASIZES BASIC BOTANY AND SPECIALIZATION  IN ALL AREAS OF PLANT SCIENCES NOT AVAILABLE
             THROUGH THE GENETICS AND PLANT PHYSIOLOGY PROGRAM. THE  OBJECTIVE OF THE PROGRAM IS TO TRAIN PERSONS
             INTERESTED IN BOTANICAL RESEARCH WHETHER THEY WISH TO  PREPARE FOR AN ACADEMIC CAREER OF TEACHING
             AND RESEARCH OR TO ENGAGE IN INVESTIGATIONS OF ECONOMIC  PLANTS FOR GOVERNMENTAL OR OTHER
             LABORATORIES.

            BOTANY & PLANT PATHOLOGY
         COLORADO STATE UNIVERSITY, COLORADO
                           10    4     2    1     6    3    10    3     8    1                           44      NO          N/A
           BRIEF PROGRAM DESCRIPTION
             PROGRAMS ARE OFFERED IN MOST AREAS OF BOTANY, IN PLANT PATHOLOGY & IN WEED SCIENCE. GRADUATE
             STUDENTS IN BOTANICAL SCIENCES USUALLY SELECT SUPPORTING  COURSES IN RELATED SCIENCES. GRADUATES
             FIND EMPLOYMENT IN TEACHING & RESEARCH POSITIONS IN FOUR-YEAR & JUNIOR OR COMMUNITY COLLEGES,
             UNIVERSITIES, INDUSTRY, OR GOVERNMENT AGENCIES.

            BOTANICAL SCIENCES
         U OF HAWAII AT MANOA, HAWAII
                            7    6    13    3     2    1     2    6    10    3      27            45     72      NO          N/A
           BRIEF PROGRAM DESCRIPTION
             SYSTEMATIC, DEVELOPMENTAL, ENVIRONMENTAL, MARINE,  PLANT PATHOLOGY, MARINE & TROPICAL ORGANISMS.
             UNIQUE OPPORTUNITIES FOR STUDY OF TROPICAL TERRESTRIAL AND MARINE SPECIES, & THE EVOLUTION OF
             ENDEMIC TAXA AND THEIR INTERACTION WITH THE ESTABLISHMENT OF VEGETATION ON LAND CREATED BY ACTIVE
             VOLCANOES.  GRADS ARE PREPARED FOR CAREERS IN UNIVERSITY TEACHING AND RESEARCH. PREREQS:
             GRE(APTITUDE); PREP INANATOMY, BIOCHEM, ECOLOGY, GENETICS, PHYSIOLOGY, SYSTEMATICS, PHYSICS, ORG
             CHEM & CALCULUS.

            BOTANY
         UNIVERSITY OF IDAHO, IDAHO
                            1    0     1    0     2    1     0    0     1    1       4             1      5      NO          N/A
           BRIEF PROGRAM DESCRIPTION
             CONCENTRATIONS ARE PERMITTED IN DEVELOPMENT PLANT  ANATOMY, ENVIRONMENTAL PHYSIOLOGY, GENETICS,
             MYCOLOGY, PLANT ECOLOGY, PLANT PHYSIOLOGY, OR PLANT TAXONOMY.

            BOTANY
         MONTANA STATE UNIVERSITY, MONTANA
                            0    0     3    2     2    0     4    2     2    0                                  NO          N/A
           BRIEF PROGRAM DESCRIPTION
             RESEARCH IN BOTANY INCLUDES PROJECTS IN LIMNOLOGY,  ECOLOGY, PHYSIOLOGY AND TAXONOMY.
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

		***** EARNED DEGREES CONFERRED *****													MANDATORY	CEILING
HEGIS	NAME OF PROGRAM/	1973-74		1974-75		1975-76		1976-77		1977-78		GRADUATE ENROLLMENT 1977-78			CEILING ON	LEVEL
CODE	INSTITUTION	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	FULL-TIME	PART-TIME	TOTAL	ENROLLMENT	REACHED
0402	BOTANY UNIVERSITY OF MONTANA, MONTANA	0	3	2	2	6	5	4	1	3	2	13	7	20	NO	N/A
	BRIEF PROGRAM DESCRIPTION THE USUAL AREAS OF BOTANY WITH SPECIAL EMPHASIS IN ECOLOGY & PROBLEMS IN ENVIRONMENTAL DEGRADATION, SYSTEMATICS, PHYSIOLOGY, PHYSIOLOGY, PALEOBOTANY,VIROLOGY & MORPHOGENISIS. SPECIAL FACILITIES: BIOLOGICAL STATION ON FLATHEAD LAKE, EXPERIMENTAL GARDENS, ENVIRONMENTAL LABORATORY. ENTRANCE REQUIREMENTS INCLUDE PROFICIENCY IN A FOREIGN LANGUAGE & GRE. GRADUATES MAY FIND EMPLOYMENT IN HIGHER EDUCATION OR WITH GOVERNMENT & PRIVATE ORGANIZATIONS.															
	BOTANY AND PLANT PATHOLOGY OREGON STATE UNIVERSITY, OREGON	6	10	4	11	7	4	6	6	11	8	60	13	73	NO	N/A
	BRIEF PROGRAM DESCRIPTION THERE ARE FOUR MAJOR DISCIPLINES WITHIN THE DEPARTMENT: PATHOLOGY, PHYSIOLOGY, ECOLOGY, AND STRUCTURAL BOTANY. STUDENTS CAN INCORPORATE MINORS IN OTHER AREAS. INTEGRATED MINORS OR INTERDISCIPLINARY PROGRAMS SUCH AS PEST MANAGEMENT AND GENETICS ARE ALSO AVAILABLE. ALL DEGREES OFFERED BY THE DEPARTMENT OF BOTANY AND PLANT PATHOLOGY REQUIRE IN ADDITION TO COURSE WORK, RESEARCH TRAINING RESULTING IN THE PRESENTATION OF A THESIS.															
	BOTANY AND RANGE SCIENCE BRIGHAM YOUNG U MAIN CAM, UTAH	3	1	8	3	11	1	5	3	8	6			26	NO	N/A
	BRIEF PROGRAM DESCRIPTION PH.D. DEGREES ARE OFFERED IN BOTANY, GENETICS, AND RANGE AND WILDLIFE RESOURCES. SPECIALIZATIONS IN PLANT TAXONOMY, PLANT MORPHOLOGY, PLANT PHYSIOLOGY, PLANT ECOLOGY, PLANT CYTOLOGY, PLANT ULTRASTRUCTURE, ALGOLOGY, MYCOLOGY, PHYTOCHEMISTRY, CYTOGENETICS, OR PALEOBOTANY. SIMILAR SPECIALIZATION IS POSSIBLE IN GENETICS OR RANGE AND WILDLIFE RESOURCES. STUDENTS ARE PREPARED FOR CAREERS IN TEACHING AND RESEARCH, AS WELL AS RESEARCH AND RESOURCE MANAGEMENT POSITIONS IN PRIVATE OR GOVERNMENT ORGS.															
	BOTANY UNIVERSITY OF WASHINGTON, WASHINGTON	4	3	4	7	4	3	8	3	3	5	47	5	52	NO	N/A
	BRIEF PROGRAM DESCRIPTION COOPERATIVE PROGRAMS ARE FREQUENTLY ARRANGED WITH COLLEGES OF FORESTRY & PHARMACY & THE DEPARTMENTS OF OCEANOGRAPHY, GENETICS, MICROBIOLOGY, BIOCHEMISTRY & ZOOLOGY. A PROSPECTIVE GRADUATE STUDENT IS EXPECTED TO HAVE AN UNDERGRADUATE MAJOR IN BIOLOGICAL SCIENCE, WITH SUPPORTING TRAINING IN CHEMISTRY AT LEAST THROUGH ORGANIC CHEMISTRY. ABILITY TO READ SCIENTIFIC PAPERS IN AT LEAST ONE FOREIGN LANGUAGE IS ESSENTIAL WITHIN THE FIRST YEAR.															
	BOTANY WASHINGTON ST UNIVERSITY, WASHINGTON	2	4	6	6	1	4	8	0	3	5	31	1	32	NO	N/A
	BRIEF PROGRAM DESCRIPTION SPECIALIZATION & RESEARCH IN ANATOMY, MORPHOLOGY,MORPHOGENSIS, CYTOLOGY & CYTOCHEMISTRY, CYTOGENETICS, CYTOTAXONOMY, GENETICS, ECOLOGY, PLANT GEOGRAPHY, BRYOLOGY, PHYCOLOGY, PALEOBOTANY, PHYSIOLOGY,TAXONOMY & ULTRASTRUCTURE. PREREQUISITES: UNDERGRADUATE PREPARATION SHOULD INCLUDE ORGANIC CHEMISTRY, FOUR SEMESTERS OF FOREIGN LANGUAGE, MATHEMATICS THROUGH INTEGRAL CALCULUS & ONE YEAR OF COLLEGE PHYSICS.															

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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                                ***** EARNED DEGREES CONFERRED *****                                                  MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

0402        BOTANY
       UNIVERSITY OF WYOMING, WYOMING
                             3    0     7    0     4    0     4    0     5    0                          16       NO           N/A
         BRIEF PROGRAM DESCRIPTION
           PLANT SYSTEMATIC, CHEMOTAXONOMY AND BIOSYSTEMATICS, ECOLOGY, ECOPHYSIOLOGY, PLANT PHYSIOLOGY AND
           PLANT BIOCHEMISTRY AND MYCOLOGY.  DIVERSE ENVIRONMENTS FOR RESEARCH IN ECOLOGY AND EVOLUTIONARY AND
           SYSTEMATIC BOTANY.  PREREQS: GRE, READING KNOWLEDGE OF ONE MODERN FOREIGN LANGUAGE.  ADDITIONAL TOOL
           SUCH AS STATISTICS OR COMPUTER SCIENCE MAY BE REQUIRED.

0402   TOTAL

                            54   48    71   52    65   53    67   36    70   41      320        93       499


       COUNT

                            16



0403        BACTERIOLOGY
       U OF CAL BERKELEY, CALIFORNIA
                             4    5     3    4     3    5     3    5     0    0       29         0        29       YES          NO
         BRIEF PROGRAM DESCRIPTION
           INCLUDES IMMUNOLOGY.

            BACTERIOLOGY
       UNIVERSITY OF IDAHO, IDAHO
                             1    2     2    3     4    2     4    0     2    0       14         5        19       NO           N/A
         BRIEF PROGRAM DESCRIPTION
           THE RESEARCH FOCUS IN BACTERIOLOGY IS PRIMARILY IN  THE ENVIRONMENTAL FIELD: AREAS OF CONCENTRATION
           INCLUDE MICROBIAL ECOLOGY, MICROBIAL PHYSIOLOGY, PATHOGENESIS, IMMUNOLOGY AND FOOD BACTERIOLOGY.

            BACTERIOLOGY
       WASHINGTON ST UNIVERSITY, WASHINGTON
                             6    6     4    2     6    2     5    1     5    2       21         1        22       NO           N/A
         BRIEF PROGRAM DESCRIPTION
           AREAS INCLUDE MICROBIOLOGY, MEDICAL MICROBIOLOGY,MICROBIAL PHYSIOLOGY & BIOCHEMISTRY, MICROBIAL
           ECOLOGY, MICROBIAL GENETICS, IMMUNOLOGY & IMMUNOCHEMISTRY, PREREQUISITES: BROAD BACKGROUND AT THE
           UNDERGRADUATE LEVEL IN RELATED BIOLOGICAL & PHYSICAL SCIENCES, ESPECIALLY CHEMISTRY & ONE OR TWO
           YEARS OF  COLLEGE MATHEMATICS.
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                                 ***** EARNED DEGREES CONFERRED *****                                    MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78 CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL ENROLLMENT   REACHED

0403     TOTAL

                            11   13     9    9    13    9    12    6     7    2      64          6        70



         COUNT

                             3



0404       PLANT PATHOLOGY
         UNIVERSITY OF ARIZONA, ARIZONA
                             1    3     4    3     2    2     3    1     5    1      16          5        21       NO         N/A
           BRIEF PROGRAM DESCRIPTION
             CONCENTRATIONS AVAILABLE IN BACTERIOLOGY, MYCOLOGY, NEMATOLOGY, VIROLOGY, PHYSIOLOGY OF PARASITISM,
             GENETICS OF PATHOGENS, DISEASES OF ECONOMICALLY IMPORTANT PLANTS, SOIL BOURNE FUNGI, AND
             ENVIRONMENTAL POLLUTION. APPLICANTS SHOULD HAVE A STRONG BACKGROUND IN THE BOTANICAL SCIENCES AND
             UNDERGRADUATE CREDIT IN COLLEGE ALGEBRA, MICROBIOLOGY, GENETICS, AND A YEAR COURSE IN ORGANIC
             CHEMISTRY.

           PLANT PATHOLOGY
         U OF CAL BERKELEY, CALIFORNIA
                             3   10     6    2     4    2     2    3     0    0      21          0        21       YES        NO



           PLANT PATHOLOGY
         U OF CAL DAVIS, CALIFORNIA
                             3   10     4    6     9    8    10    5    10    7      41          0        41       NO         N/A
           BRIEF PROGRAM DESCRIPTION
             INCLUDED ARE SPECIAL STUDIES IN PLANT PATHOGENS, HISTOLOGY, PHYSIOLOGY & BIOCHEMISTRY OF PLANT
             PATHOGENS & HOST-PATHOGEN INTERACTIONS, MODES OF FUNGICIDAL ACTION, DIAGNOSIS & CONTROL OF PLANT
             DISEASES. GRADS ARE PREPARED FOR CAREERS IN TEACHING & RESEARCH AT COLLEGE/UNIVERSITY LEVEL,
             TECHNICAL & MANAGERIAL POSITIONS WITH SEED COMPANIES, STATE GOVERNMENT, FOREIGN TRAVEL TO
             UNDERDEVELOPED COUNTRIES  TO IMPROVE CROP DEVELOPMENT. PREREQ.: GRE SCORES,SPECIAL DEPARTMENTAL
             REQUIREMENTS.

           PLANT PATHOLOGY
         U OF CAL RIVERSIDE, CALIFORNIA
                             2    7     7    4     3    3     6    3     1    7      43                   43       NO         N/A
           BRIEF PROGRAM DESCRIPTION
             SPECIALIZATIONS: MYCOLOGY; BIOCHEMISTRY, GENETICS  & PHYSIOLOGY OF PHYTOPATHOGENIC BACTERIA &
             FUNGI,SOIL MICROBIOLOGY AS RELATED TO ROOT DISEASES; ELECTRON MICROSCOPY; BIOPHYSICAL, SEROLOGICAL,
             ECOLOGICAL & IMMUNOLOGICAL ASPECTS OF VIRUSES WITH PARTICULAR ATTENTION TO CITRUS VIRUSES;
             CHEMOTHERAPY, CHEMISTRY & ACTIVITY OF FUNGICIDES; FUNGICIDE RESIDUE ANALYSIS; PHYSIOLOGY OF DISEASE;
             DISEASES OF FIELD CROPS, VEGETABLES, ORNAMENTAL PLANTS, TURF GRASS & ESPECIALLY TROPICAL &
             SUBTROPICAL TREES.
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                                   *****  EARNED DEGREES CONFERRED  *****                                         MANDATORY    CEILING
HEGIS   NAME OF PROGRAM/      1973-74     1974-75     1975-76     1976-77     1977-78    GRADUATE ENROLLMENT 1977-78   CEILING ON   LEVEL
CODE      INSTITUTION        MAST DOCT   MAST DOCT   MAST DOCT   MAST DOCT   MAST DOCT   FULL-TIME   PART-TIME   TOTAL   ENROLLMENT   REACHED

0404          PLANT PATHOLOGY
        MONTANA STATE UNIVERSITY, MONTANA
                                0    0      0    0      0    1      1    1      0    0                              13        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            PROBLEM ORIENTED RESEARCH IS CENTERED ON THE MAJOR  PLANT PATHOLOGIES IN THE STATE. CURRENTLY ACTIVE
            RESEARCH PROJECTS INVOLVE SOIL-BORNE DISEASES OF  CEREALS, GENETIC BASES FOR DISEASE RESISTANCE IN
            FIELD CROPS, CEREAL RUST AND LEAF SPOTS, VIRUS DISEASES OF CEREALS AND POTATOES, PLANT CELL
            PROTOPLAST DEVELOPMENT AS IT PERTAINS TO BREEDING FOR RESISTANCE TO DISEASES FUNGUS DISEASES OF
            SAFFLOWER,  BACTERIAL DISEASES, AND THE BIOCHEMISTRY OF PLANTDISEASE.

              PLANT PATHOLOGY
        WASHINGTON ST UNIVERSITY, WASHINGTON
                                1    2      5    2      4    4      5    2      5    4      28           1          29        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            MYCOLOGY, SOIL MICROBIOLOGY, PHYSIOLOGY & BIOCHEMISTRY OF PARASITISM, CYTOLOGY & GENETICS OF
            FUNGI,DISEASE RESISTANCE, ECOLOGY OF PATHOGENS, EPIDEMIOLOGY, POLLUTION DAMAGE TO PLANTS,
            NEMATOLOGY, PLANT VIROLOGY, FOREST PATHOLOGY & ON THE DISEASES OFHORTICULTURAL & AGRONOMIC CROPS.

              PLANT PATHOLOGY
        UNIVERSITY OF WYOMING, WYOMING
                                0    0      0    0      0    0      0    0      0    0                               1        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THESIS AND RESEARCH UNDERTAKEN AT UNIVERSITY FARMS, EXPERIMENTAL AREAS, OR LABORATORIES, INSECTARY
            AND GREENHOUSE FACILITIES.  NO SPECIFIC TOOL OR LANGUAGE REQUIRED FOR PH.D.  12 ADDITIONAL HOURS OF
            WORK BEYOND REGULAR PROGRAM MAY BE SUBSTITUTED.  CANDIDATE MAY USE 2 TOOLS OR LANGUAGE REQUIREMENTS
            OR COMBINATION! OR 1 TOOL OR LANGUAGE AND 6 ADDITIONAL HOURS.


0404    TOTAL

                               10   32     26   17     22   20     27   15     21   19     149           6         169


        COUNT

                                7



0406          PLANT PHYSIOLOGY
        U OF CAL BERKELEY, CALIFORNIA
                                0    1      1    1      1    0      0    0      0    0      10           0          10        YES         NO
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                                  *****  EARNED DEGREES CONFERRED  *****                                      MANDATORY     CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON    LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT    REACHED

0406        PLANT PHYSIOLOGY
       U OF CAL DAVIS, CALIFORNIA
                              3  14      7   3      5  10      6   6      6   3      67          0        67        NO           N/A
         BRIEF PROGRAM DESCRIPTION
           PROGRAM OFFERS A THOROUGH TRAINING IN DESCIPLINES  ESSENTIAL TO PLANT PHYSIOLOGY WITH OPPORTUNITIES
           TO SPECIALIZE IN EITHER CELLULAR-MOLECULAR PLANT  PHYSIOLOGY, INTEGRATED PROCESSES IN WHOLE
           PLANTS,PHYSIOLOGY OF PLANT-ENVIRONMENT INTERACTIONS. OVER90 PROFESSIONAL PLANT PHYSIOLOGISTS
           COMPRISE THIS  GRADUATE GROUP. GRADS ARE PREPARED FOR CAREERS INTEACHING AND RESEARCH AT THE COLLEGE
           AND UNIVERSITY LEVEL. PREREQ.: TWO OR THREE LETTERS OF RECOMMENDATION AND GRE SCORES.

            PLANT PHYSIOLOGY
       U OF CAL RIVERSIDE, CALIFORNIA
                              0   2      0   3      0   0      0   1      0   2       5                    5        NO           N/A
         BRIEF PROGRAM DESCRIPTION
           SPECIALTIES: DEVELOPMENTAL PHYSIOLOGY, ENVIRONMENTAL PHYSIOLOGY, METABOLISM, GROWTH REGULATORS AND
           HERBICIDES, WATER RELATIONS, MINERAL NUTRITION, PHOTOBIOLOGY, POST-HARVEST PHYSIOLOGY, MEMBRANE
           BIOLOGY AND PHYSIOLOGY OF DISEASE. THE PH.D. PROGRAM IS  INTENDED FOR STUDENTS SEEKING CAREERS IN
           COLLEGE  OR UNIVERSITY-LEVEL TEACHING AND RESEARCH, AND INGOVERNMENTAL, INDUSTRIAL AND PRIVATE
           RESEARCH.


0406   TOTAL

                              3  17      8   7      6  10      6   7      6   5      82          0        82


       COUNT

                              3



0407        ZOOLOGY
       ARIZONA STATE UNIVERSITY, ARIZONA
                             18  10     15   5     10   8     18  10      8   5      18         14        32        NO           N/A
         BRIEF PROGRAM DESCRIPTION
           STUDIES IN THE AREAS OF SYSTEMATICS, ECOLOGY, DEVELOPMENTAL BIOLOGY, PHYSIOLOGY, GENETICS,
           MORPHOLOGY, AND BEHAVIOR. COURSE WORK AND RESEARCH DEAL WITH ORGANISMS AT THE MOLECULAR, CELLULAR,
           INDIVIDUAL, AND POPULATION LEVELS. CAREER PREPARATION FOR TEACHING AND RESEARCH POSITIONS IN
           EDUCATIONAL, MEDICAL, INDUSTRIAL, OR GOVERNMENTAL INSTITUTIONS. PREREQS: UNDERGRADUATE MAJOR IN
           ZOOLOGY OR A RELATED  FIELD, ACCEPTABLE GRE SCORES.

            ZOOLOGY GENERAL
       UNIVERSITY OF ARIZONA, ARIZONA
                              5   3      3   6      4   6      5   8      0   3                                       NO           N/A
         BRIEF PROGRAM DESCRIPTION
           DEGREES IN ZOOLOGY ARE NOW AVAILABLE THROUGH A VARIETY OF DEPARTMENTS INCLUDING ECOLOGY AND
           EVOLUTIONARY BIOLOGY, RENEWABLE NATURAL RESOURCES, ANIMAL  SCIENCE, AND GENERAL BIOLOGY.
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                                  *****  EARNED DEGREES CONFERRED  *****                                      MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/   1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION     MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

0407        ZOOLOGY GENERAL
         U OF CAL BERKELEY, CALIFORNIA
                            5    7     5   17     7   20     5   21     0    0         83                83     YES        NO



            ZOOLOGY GENERAL
         U OF CAL DAVIS, CALIFORNIA
                           15    3     9    7     6    6    13    3    10    6         56          1     57      NO         N/A
           BRIEF PROGRAM DESCRIPTION
             STUDY OF ANIMAL BEHAVIOR, BIOMATHEMATICS, ECOLOGY,  EVOLUTION, INVERTEBRATE ZOOLOGY, VERTEBRATE
             MORPHOLOGY, SYSTEMATIC ZOOLOGY, GENERAL AND COMPARATIVE  PHYSIOLOGY, NEUROPHYSIOLOGY, MUSCLE
             PHYSIOLOGY. CAREERS AVAILABLE IN TEACHING AND RESEARCH AT THE COLLEGE AND UNIVERSITY LEVEL. PREREQ.:
             READING KNOWLEDGE OF A FOREIGN LANGUAGE IS RECOMMENDED, GRE SCORES, THREE LETTERS OF RECOMMENDATION,
             AND TWO SETS OF TRANSCRIPTS OF ALL PREVIOUS UG AND GRAD COURSES.

            ZOOLOGY & ENTOMOLOGY
         COLORADO STATE UNIVERSITY, COLORADO
                            8    6    16    2    12    4    14    4    18    5                           65      NO         N/A
           BRIEF PROGRAM DESCRIPTION
             ENTOMOLOGY: PROGRAMS ARE AVAILABLE IN AGRICULTURALENTOMOLOGY, BIOLOGICAL & CHEMICAL CONTROL.
             ECOLOGY, FOREST ENTOMOLOGY, MEDICAL ENTOMOLOGY, PHYSIOLOGY, SYSTEMATICS & TOXICOLOGY. ZOOLOGY:
             PROGRAMS AREAVAILABLE IN PHYSIOLOGY, ENDOCRINOLOGY, ORINTHOLOGY, ECOLOGY, MAMALOGY, ANIMAL BEHAVIOR,
             PROTOZOOLOGY, CELL BIOLOGY, PARASITOLOGY, GENETICS, POPULATION GENETICS, HERPETOLOGY, LIMNOLOGY,
             ZOOPHYSIOLOGY,ACAROLOGY, VERTEBRATE & INVERTEBRATE ZOOLOGY & ENVIRONMENTAL QUALITY.

            ZOOLOGY
         U OF HAWAII AT MANOA, HAWAII
                           14    4     6    3     8    4     5    1     6    9         21         55     76      NO         N/A
           BRIEF PROGRAM DESCRIPTION
             ANIMAL BEHAVIOR, AVIAN BIOLOGY, COMPARATIVE ENDOCRINOLOGY, COMPARATIVE PHYSIOLOGY, DEVELOPMENTAL
             BIOLOGY, ECOLOGY, ICTHYOLOGY, INVERTEBRATE ZOOLOGY, AND NEUROPHYSIOLOGY. GRADUATES ARE PREPARED FOR
             CAREERS IN TEACHING AND RESEARCH IN ACADEMIC INSTITUTIONS AND RESEARCH CAREERS IN STATE AND FEDERAL
             AGENCIES. PREREQS: GRE (APTITUDE AND ADVANCED TEST IN  BIOLOGY); MINIMUM OF 18 CREDITS IN ZOOLOGY,
             TWO YEARS OF CHEMISTRY, ONE YEAR OF PHYSICS, COURSES IN  CALCULUS AND BOTANY.

            ZOOLOGY GENERAL
         UNIVERSITY OF IDAHO, IDAHO
                            5    1     2    1     2    0     5    0     2    2         15          4     19      NO         N/A
           BRIEF PROGRAM DESCRIPTION
             IN ADDITION TO THE GENERAL REQUIREMENTS CONCENTRATIONS ARE PERMITTED IN ANIMAL BEHAVIOR, ANIMAL
             ECOLOGY, AQUATIC BIOLOGY, COMPARATIVE PHYSIOLOGY, REPRODUCTIVE PHYSIOLOGY AND PARASITOLOGY.

            ZOOLOGY GENERAL
         MONTANA STATE UNIVERSITY, MONTANA
                            8    2     2    0     4    1     3    0     2    0                           13      NO         N/A
           BRIEF PROGRAM DESCRIPTION
             RESEARCH IN ZOOLOGY INCLUDES PROJECTS IN ECOLOGY,GENETICS, PHYSIOLOGY, EMBRYOLOGY AND ANATOMY.
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0407	ZOOLOGY GENERAL UNIVERSITY OF MONTANA, MONTANA	4	3	5	0	5	2	7	3	4	1	19	11	30	NO	N/A

BRIEF PROGRAM DESCRIPTION

ECOLOGICAL STRUCTURAL, PHYSIOLOGICAL & BEHAVIORAL ADAPTATIONS OF THE ANIMAL TO THE ENVIRONMENT WITHUNDERSTANDING THE STRUCTURE & DYNAMICS OF NATURAL ECOSYSTEMS. SPECIAL FACILITIES: VERTEBRATE MUSEUMS, ANIMAL QUARTERS, ENVIRONMENTAL CHAMBERS, AQUARIUM ROOM, WILDLIFE RESEARCH UNIT & BIOLOGICAL STATION. THE GRADUATE RECORD EXAMINATION IS REQUIRED. GRADUATES ARE EMPLOYED IN HIGHER EDUCATION, FISH & GAME & WILDLIFE AGENCIES, GOVERNMENT & PRIVATE INDUSTRY.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	ZOOLOGY GENERAL OREGON STATE UNIVERSITY, OREGON	8	6	10	7	8	4	9	6	10	6	37	7	44	NO	N/A

BRIEF PROGRAM DESCRIPTION

MAJORS IN THE FIELDS OF CELLULAR BIOLOGY, DEVELOPMENTAL BIOLOGY, ANATOMY, GENETICS, INVERTEBRATE ZOOLOGY AND PARASITOLOGY, VERTEBRATE ZOOLOGY, ECOLOGY, POPULATION BIOLOGY, AND PHYSIOLOGY. THE THESIS REQUIREMENT FOR THE MASTER OF SCIENCE AND MASTER OF ARTS DEGREES IS OPTIONAL.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	ZOOLOGY GENERAL BRIGHAM YOUNG U MAIN CAM, UTAH	10	5	20	2	11	2	20	2	15	2			44	NO	N/A

BRIEF PROGRAM DESCRIPTION

FIELDS: ZOOLOGY, ENTOMOLOGY. ANY ESTABLISHED MINOR IN THE BIOLOGICAL OR PHYSICAL SCIENCES IS PERMISSIBLE.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	ZOOLOGY GENERAL UNIVERSITY OF WASHINGTON, WASHINGTON	7	6	2	7	3	7	3	7	4	7	67	7	74	NO	N/A

BRIEF PROGRAM DESCRIPTION

THE DEPARTMENT OFFERS PROGRAMS OF STUDY IN THE AREAS OF COMPARATIVE PHYSIOLOGY,CYTOLOGY,DEVELOPMENTAL BIOLOGY,ECOLOGY,ENDOCRINOLOGY,INVERTEBRATE & VERTEBRATE MORPHOLOGY & NEUROBIOLOGY. ENTERING STUDENTS SHOULD HAVE COMPLETED ORGANIC AND/OR PHYSICAL CHEMISTRY,ONE YEAR OF COLLEGE PHYSICS,MATHEMATICS THROUGH CALCULUS, & A SURVEY OF THE PLANT KINGDOM.READING PROFICIENCY IS REQUIRED IN TWO OF THE FOLLOWING LANGUAGES: FRENCH,GERMAN,JAPANESE & RUSSIAN.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	ZOOLOGY GENERAL WASHINGTON ST UNIVERSITY, WASHINGTON	14	2	6	4	6	1	5	5	6	2	33	5	38	NO	N/A

BRIEF PROGRAM DESCRIPTION

INVOLVES SPECIALIZATION IN A SELECTED AREA OF ZOOLOGY. ADDITIONAL STUDY IN ANOTHER DEPARTMENT, A THESIS & A READING KNOWLEDGE OF ONE MODERN FOREIGN LANGUAGE. CANDIDATES FOR THE DOCTORAL DEGREE ARE ALSO REQUIRED TO SPEND A SUMMER AT A BIOLOGICAL STATION OR PARTICIPATE IN A TRAINING PROGRAM AT ANOTHER INSTITUTION. TEACHING EXPERIENCE IS EXPECTED OF ALL CANDIDATES FOR A GRADUATE DEGREE.

142

141

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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                                 ***** EARNED DEGREES CONFERRED *****                                      MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78 CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

0407        ZOOLOGY GENERAL
       UNIVERSITY OF WYOMING, WYOMING
                             11    7     5    4    14    3    20    6     8    3                        49       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           MOLECULAR BIOLOGY, CELL ULTRASTRUCTURE, CELLULAR DEVELOPMENTAL BIOLOGY, COMPARATIVE PHYSIOLOGY,
           NEUROPHYSIOLOGY, BEHAVIOR ENDOCRINOLOGY, CANCER BIOLOGY, RADIATION BIOLOGY, PHYSIOLOGICAL ECOLOGY,
           ORNITHOLOGY, MAMMALOGY, INVERTEBRATE ZOOLOGY, LIMNOLOGY, FISH AND GAME ECOLOGY, POPULATION ECOLOGY,
           COMMUNITY ECOLOGY, THEORETICAL ECOLOGY.  PREREQS: 20 HOURS UNDERGRADUATE WORK IN ZOOLOGY, PHYSIOLOGY
           OR OTHER AREAS OF BIOLOGY AND SUBSTANTIAL WORK IN OTHER SCIENCES.

0407   TOTAL

                            132   65   106   65   100   68   132   76    93   51     349        104       624


       COUNT

                             14



0408        COMPARATIVE PATHOLOGY
       U OF CAL DAVIS, CALIFORNIA
                              6   11     6    9     8   10    10    5    12   11      57          0        57       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PROGRAM OFFERS STUDY IN DISCIPLINES CONCERNED WITH  VARIOUS ASPECTS OF DISEASE PROCESSES AND THEIR
           EFFECTS UPON INDIVIDUALS, POPULATIONS, AND ECOSYSTEMS. GRADS ARE PREPARED FOR TEACHING AND RESEARCH
           AT  THE UNIVERSITY LEVEL. RESEARCH IN MEDICAL SCIENCE, CONTINUING EDUCATION TO BECOME A PHYSICIAN.
           PREREQ.: EACH STUDENT MUST BE SPONSORED BY A MEMBER OF  THE GRADUATE GROUP BEFORE ADMITTANCE TO THE
           PROGRAM.

            PATHOLOGY
       U CAL SAN FRISCO MEDL CTR, CALIFORNIA
                              1    0     0    0     2    2     0    0     0    0      12                   12       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE DEPARTMENT OF PATHOLOGY OFFERS GRADUATE WORK LEADING TO THE DEGREE OF DOCTOR OF PHILOSOPHY IN
           EXPERIMENTAL PATHOLOGY. A COMBINED PROGRAM IN COMPARATIVE PATHOLOGY IS AVAILABLE IN CONJUNCTION WITH
           THE DEPARTMENT OF VETERINARY PATHOLOGY AT THE UNIVERSITY OF CALIFORNIA DAVIS. GRADUATES OF THE
           PROGRAM IN EXPERIMENTAL PATHOLOGY SHOULD BE CAPABLE OF UNDERTAKING INDEPENDENT INVESTIGATION, &
           SHOULD FIND USEFUL PLACES IN INDUSTRY, THE GOVERNMENT, & IN  ACADEMIC INSTITUTIONS.
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0408	EXPERIMENTAL PATHOLOGY U OF SOUTHERN CALIFORNIA, CALIFORNIA	1	4	0	3	0	1	3	2	0	3			23	NO	N/A

BRIEF PROGRAM DESCRIPTION

PREPARATIONS FOR FACULTY RESEARCH AND TEACHING. APPLICATION OF KNOWLEDGE OF NORMAL BIOLOGICAL PROCESSES TO STUDY OF ABNORMAL STATES: E.G., NEUROPATHOLOGY, VIRAL ONCOLOGY. PREREQUISITES: GRE APTITUDE:B.S. IN A NATURAL SCIENCE.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	PATHOLOGY COLORADO STATE UNIVERSITY, COLORADO	4	2	1	0	2	1	8	3	8	2			14	NO	N/A

BRIEF PROGRAM DESCRIPTION

STUDENTS MAY SPECIALIZE IN ANATOMIC OR COMPARATIVE PATHOLOGY, CHEMICAL PATHOLOGY, CLINICAL PATHOLOGY, MOLECULAR PATHOLOGY, PARASITOLOGY & WILDLIFE DISEASE. GRADUATES ARE EMPLOYED ON RESEARCH & TEACHING FACULTIES OF UNIVERSITIES, IN FEDERAL & STATE MEDICAL RESEARCH & SERVICE LABORATORIES & IN THE BIOMEDICAL INDUSTRIES.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	PATHOLOGY UNIVERSITY OF UTAH, UTAH	1	0	0	2	0	2	0	1	0	3			11	NO	N/A

BRIEF PROGRAM DESCRIPTION

BIOCHEMICAL AND MOLECULAR PATHOLOGY OF CONNECTIVE TISSUE, CYTOGENETICS, ENVIRONMENTAL PATHOLOGY, TRANSPLANTATION IMMUNOLOGY, TUMOR IMMUNOLOGY, ULTRASTRUCTURE OF CELL SURFACES.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	PATHOLOGY UNIVERSITY OF WASHINGTON, WASHINGTON	0	2	1	2	3	2	1	2	2	1	13	3	16	NO	N/A

BRIEF PROGRAM DESCRIPTION

THE DEPARTMENT OFFERS PROGRAMS OF RESEARCH TRAINING & STUDY IN EXPERIMENTAL PATHOLOGY. PROSPECTIVE CANDIDATES ARE EXPECTED TO HAVE HAD UNDERGRADUATE EXPERIENCE IN BIOLOGY, PHYSICS, CHEMISTRY & MATHEMATICS & ACCEPTABLE SCORES ON EITHER THE GRE OR THE MEDICAL COLLEGE ADMISSIONS LIST. A READING KNOWLEDGE OF EITHER FRENCH, GERMAN, OR RUSSIAN IS REQUIRED.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	PATHOLOGY U OF OREGON HLTH SCI CTR, OREGON	0	0	0	0	0	1	0	0	0	0	1	0	1	NO	N/A

BRIEF PROGRAM DESCRIPTION

THEORETICAL AND APPLIED INVESTIGATION OF THE EFFECTS OF INJURIOUS AGENTS ON CELLS AND TISSUES, AND THE SUBSEQUENT REACTION OF THE LATTER AT THE STRUCTURAL, CHEMICAL AND FUNCTIONAL LEVELS. RESEARCH MAY INVOLVE CARCINOGENESIS, GENETICS, IMMUNOPATHOLOGY OR INFLAMMATION. CAREER PREPARATION IS FOR RESEARCH AND TEACHING IN MEDICAL SCIENCES. PREREQ: M.S., M.D., D.O., OR D.V.M., GRE SCORES.

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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                             ***** EARNED DEGREES CONFERRED *****                                             MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74   1974-75   1975-76   1976-77   1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

0408       PATHOLOGY
     UNIVERSITY OF COLORADO, COLORADO
                            0    4    1    1    0    0    1    1    0    1                           9       NO         N/A
       BRIEF PROGRAM DESCRIPTION
         CURRICULAR EMPHASES OR SUBSPECIALTIES: THIS PROGRAM FILLS THE GAP BETWEEN THE FIELDS OF MOLECULAR
         BIOLOGY & BIOCHEMISTRY WITH PATHOLOGY, BASED ON A COMPREHENSIVE UNDERSTANDING OF MOLECULAR BIOLOGY,
         BIOCHEMISTRY, HISTOLOGY & VIROLOGY. SPECIAL RESEARCH, LABORATORY, OR FIELD REQUIREMENTS: RESEARCH IN
         THE AREAS ON ONCOLOGY, BIOCHEMICAL & TUMOR VIROLOGY, MOLECULAR & CELLULAR BIOLOGY, ULTRASTRUCTURE &
         THE CELLULAR BASIS OF IMMUNITY. PRIMARY CAREERS: INVESTIGATION & TEACHING IN BASIC SCIENCE DEPTS.

0408  TOTAL

                           13   23    9   17   15   19   23   14   22   21     83          3        143


      COUNT

                            8



0409       PHARMACOLOGY
     UNIVERSITY OF ARIZONA, ARIZONA
                            0    0    1    3    1    4    0    4    0    1     16          2         18       NO         N/A
       BRIEF PROGRAM DESCRIPTION
         CONCENTRATIONS AVAILABLE IN NEUROPSYCHOPHARMACOLOGY AND IN BIOCHEMICAL, CLINICAL, AND AUTONOMIC
         PHARMACOLOGY. APPLICANTS MUST HAVE A BACHELOR'S DEGREE  WITH A MAJOR IN CHEMISTRY, BIOLOGY,
         PHARMACY, OR  OTHER RELATED SCIENCE. GRE SCORES REQUIRED.

           PHARMACOLOGY
     LOMA LINDA UNIVERSITY, CALIFORNIA
                            0    1    0    0    0    0    0    0    0    0      0          0          0       NO         N/A
       BRIEF PROGRAM DESCRIPTION
         EMPHASIS ON DRUG ACTIONS AND THERAPEUTIC PROBLEMS.  MAY ELECT TO BYPASS THE MASTERS DEGREE, BUT MUST
         COMPLETE RESEARCH AND COURSEWORK REQUIREMENTS FORMASTER'S DEGREE. COMPREHENSIVE WRITTEN AND ORAL
         EXAMINATIONS AND AN ACCEPTABLE DISSERTATION REQUIRED.

           PHARMACOLOGY
     STANFORD UNIVERSITY, CALIFORNIA
                            0    1    6    0    0    3    0    1    2    1                          13       NO         N/A
       BRIEF PROGRAM DESCRIPTION
         UNDERSTANDING THE MECHANISMS OF DRUG ACTION AT THE  CELLULAR AND MOLECULAR LEVEL, AND UTILIZING
         THATKNOWLEDGE IN THE DEVELOPMENT OF NEW DRUGS. MAJOR FIELDS OF STUDY INCLUDE MOLECULAR PHARMACOLOGY,
         BIOCHEMICAL PHARMACOLOGY, DRUG METABOLISM, DRUG TOLERANCE, AND DRUG ADDICTION.
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                             ***** EARNED DEGREES CONFERRED *****                                              MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0409        PHARMACOLOGY AND TOXICOLOGY
         U OF CAL IRVINE, CALIFORNIA
                            1    0     0    0     3    0     0    0     0    2                          11       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             MECHANISMS OF ACTION AND EFFECTS OF DRUGS ON THE NERVOUS SYSTEM, MUSCLE AND CELL MEMBRANES, AND THE
             HEART AND BLOOD VESSELS: DRUG ABUSE AND THE TOXICOLOGY OF ENVIRONMENTAL SUBSTANCES. ADMISSION
             REQUIREMENTS: BACKGROUND IN PHYSICAL AND BIOLOGICAL SCIENCES INCLUDING MATHEMATICS, PHYSICS,
             CHEMISTRY, AND BIOCHEMISTRY: GRE APTITUDE AND ADVANCED TEST INBIOLOGY OR CHEMISTRY.

            PHARMACOLOGY
         U OF CAL LOS ANGELES, CALIFORNIA
                            0    3     1    2     0    3     0    1     0    6                          17       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             THE DEPARTMENT OF PHARMACOLOGY IN THE SCHOOL OF MEDICINE OFFERS COMPREHENSIVE TRAINING LEADING TO
             THE PH.D. DEGREE. COURSES INCLUDE GENERAL PHARMACOLOGY, ADVANCED STUDIES IN MODES OF DRUG ACTION,
             NEUROPHARMACOLOGY, CARDIOVASCULAR PHARMACOLOGY, AND CHEMICAL PHARMACOLOGY. THE DEPARTMENT SPONSORS A
             VARIETY OF RESEARCH PROGRAMS AND PURSUES A SPECIAL INTEREST IN CHEMICAL, NEURO-AND
             PSYCHOPHARMACOLOGY.

            PHARMACOLOGY
         U CAL SAN FRISCO MEDL CTR, CALIFORNIA
                            0    3     1    3     0    1     1    5     2    8      21                  21       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             GRADUATE STUDY LEADING TO THE DOCTORAL DEGREE IS OFFERED IN TWO PROGRAMS, PHARMACOLOGY OR
             COMPARATIVE PHARMACOLOGY & TOXICOLOGY. THE COMPARATIVE PHARMACOLOGY & TOXICOLOGY PROGRAM IS SIMILAR
             TO THE PROGRAM OFFERED IN PHARMACOLOGY BUT IS SELECTED BY STUDENTS DESIRING TO SPECIALIZE IN
             TOXICOLOGY. IN BOTH PROGRAMS THE PH.D. DEGREE IS EMPHASIZED & APPLICANTS ARE ADVISED TO APPLY FOR
             THE DOCTORAL DEGREE  PROGRAM.

            PHARMACOLOGY AND NUTRITION
         U OF SOUTHERN CALIFORNIA, CALIFORNIA
                            0    1     2    0     0    0     0    1     1    2                          13       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             NUTRIENTS IN NORMAL PHYSIOLOGICAL FUNCTION: ACTION  OF THERAPEUTIC AGENTS IN DISEASE TREATMENT.
             PREREQUISITES: GRE APTITUDE: UNDERGRADUATE CHEMISTRY, BIOCHEMISTRY, BIOLOGY, PHYSICS, MATHEMATICS,
             PHYSIOLOGY.

            PHARMACOLOGY
         UNIVERSITY OF THE PACIFIC, CALIFORNIA
                            0    1     0    0     1    0     0    0     0    0                                   NO          N/A
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                              *****  EARNED DEGREES CONFERRED  *****                                  MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74   1974-75   1975-76   1976-77   1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0409        BIOMEDICAL SCIENCES-PHARMACOLOGY
       U OF HAWAII AT MANOA, HAWAII
                            3    1    4    0    1    0    1    2    3    0       4          4         8       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           OFFERED AS A CONCENTRATION IN THE GRADUATE PROGRAM  IN BIOMEDICAL SCIENCES. AUTONOMIC, BIOCHEMICAL,
           CARDIOVASCULAR AND NEURAL PHARMACOLOGY AND CHEMOTHERAPY. GRADUATES ARE PREPARED FOR CAREERS IN
           UNIVERSITY TEACHING AND RESEARCH IN PHARMACOLOGY AND IN  INDUSTRIAL PHARMACOLOGY. PREREQS: ADEQUATE
           PREPARATION IN BIOLOGY, CHEMISTRY, PHYSICS, AND MATHEMATICS.

            PHARMACOLOGY
       UNIVERSITY OF UTAH, UTAH
                            0    3    1    5    1    4    0    7    0    7                          14       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           GENERAL PHARMACOLOGY, NEUROPHARMACOLOGY, BIOCHEMICAL AND CELLULAR PHARMACOLOGY, ELECTROLYTE,
           ACID-BASE AND RENAL PHARMACOLOGY, CARDIOVASCULAR PHARMACOLOGY, AUTONOMIC PHARMACOLOGY,
           NEUROCHEMISTRY, DRUG  METABOLISM, TOXICOLOGY, CONVULSIVE DISORDERS, DEVELOPMENAL PHARMACOLOGY.

            PHARMACOLOGY
       UNIVERSITY OF WASHINGTON, WASHINGTON
                            0    1    2    1    0    4    0    2    1    3      16          0        16       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           IN THE FIRST YEAR STUDENTS ARE EXPECTED TO ENROLL  IN BIOCHEMISTRY, PHYSIOLOGY & PHARMACOLOGY
           COURSES. THERE ARE NO FOREIGN LANGUAGE REQUIREMENTS.

            PHARMACOLOGY
       U OF OREGON HLTH SCI CTR, OREGON
                            0    1    0    0    0    0    0    0    1    2       2          1         3       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           BIOCHEMICAL AND PHYSIOLOGICAL BASIS OF DRUG ACTION, PHARMACOKINETICS AND GENERAL SYSTEMATIC
           PHARMACOLOGY (DRUG CLASSES). RESEARCH; NEUROPHARMACOLOGY,DRUG METABOLISM, CARDIOVASCULAR
           PHARMACOLOGY, IMMUNOPHARMACOLOGY, CLINICAL PHARMACOLOGY, DRUG OTOTOXICITY, RESPIRATORY EFFECTS OF
           NARCOTICS, AND STEROID RECEPTORS. GRADS ARE PREPARED FOR TEACHING AND  RESEARCH AT SCHOOLS OF
           MEDICINE AND PHARMACY AND  RESEARCH IN GOVERNMENT AND PHARMACEUTICAL LABORATORIES. PREREQ.: B.S.

            PHARMACOLOGY
       UNIVERSITY OF COLORADO, COLORADO
                            1    1    1    1    0    0    1    2    3    1                          12       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           CURRICULAR EMPHASES OR SUBSPECIALTIES; NEUROCHEMISTRY & NEUROPHARMACOLOGY; AUTONOMIC, CARDIOVASCULAR
           PHARMACOLOGY; IMMUNOPHARMACOLOGY; DRUG METABOLISM; TOXICOLOGY; ANALYTICAL CHEMISTRY & MASS
           SPECTROSCOPY; DOSE-RESPONSE RELATIONSHIPS; BIOCHEMICAL PHARMACOLOGY; HORMONE & NUCLEOTIDE ACTION;
           CANCER CHEMOTHERAPY. PRIMARY CAREERS: RESEARCH & TEACHING.

0409   TOTAL

                            5   17   19   15    7   19    3   25   13   33      59          7       146
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                              *****  EARNED DEGREES CONFERRED  *****                                              MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT  REACHED

         COUNT

                             13



0410         ZOOPHYSIOLOGY
         U OF ALASKA FAIRBANKS, ALASKA
                             0    4     0    2     0    1     0    1     0    0      0          0          0       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             INDIVIDUALIZED PROGRAMS ARE ARRANGED TO PROVIDE SPECIALIZED RESEARCH OPPORTUNITIES WITHIN THE
             FIELDOF BIOLOGY, & ESPECIALLY THOSE PHENOMENA UNIQUE TO  THE ARCTIC & SUB-ARCTIC. STUDY USUALLY
             CONDUCTEDIN ASSOCIATION WITH A RESEARCH LABORATORY & OFTENINVOLVES FIELD STUDY IN REMOTE LOCATIONS.
             ADMISSION REQ: EACH APPLICATION REVIEWED FOR STRENGTH OF BACKGROUND. SPECIFIC CAREER & RESEARCH
             GOALS. ETC.CAREER PREP. DEPENDENT ON INDIVIDUAL'S GOALS.

            PHYSIOLOGY
         UNIVERSITY OF ARIZONA, ARIZONA
                             0    0     6    1     1    4     1    2     0    1     10          4         14       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             PROGRAMS ARE INDIVIDUALLY PLANNED AFTER CONSIDERATION OF STUDENT'S PREPARATION AND SPECIAL
             INTERESTS. RESEARCH FACILITIES ARE AVAILABLE FOR STUDIES OF  THE DYNAMICS AND CONTROL OF
             MICROCIRCULATION. CONTRACTION OF MUSCLE AND ITS MEMBRANE PHENOMENA. REFLEX REGULATION OF MUSCLE
             ACTIVITY. COMPARATIVE RENAL TUBULE TRANSPORT AND WATER BALANCE. CELLULAR ASPECTS OF TRANSPORT. AND
             ENDOCRINE MECHANISMS.

            PHYSIOLOGY
         LOMA LINDA UNIVERSITY, CALIFORNIA
                             1    0     1    0     1    0     0    1     0    0      6          7         13       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             COURSEWORK LEADING TO THE MASTER OF SCIENCE AND THE DOCTOR OF PHILOSOPHY DEGREES. TRAINS TEACHERS
             AND RESEARCHERS. INDEPENDENT RESEARCH & COURSEWORK REQUIRED & DOCTORAL CANDIDATE MUST HAVE COMPLETED
             MASTERS DEGREE OR ITS EQUIVALENT.

            PHYSIOLOGY
         STANFORD UNIVERSITY, CALIFORNIA
                             1    1     0    3     0    0     0    2     1    1                                 6       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             INITIAL STUDIES EMPHASIZE LABORATORY TECHNIQUE AND  MAJOR PHYSIOLOGICAL PHENOMENA. ADVANCED STUDIES
             ARE HIGHLY INDIVIDUAL. DEPARTMENTAL INTERESTS INCLUDE ENDOCRINOLOGY--INCLUDING THE CONTROL
             FUNCTIONSOF NATURAL TRACE SUBSTANCES--NEUROENDROCRINOLOGY.NEUROPHYSIOLOGY. IMMUNOPHYSIOLOGY.

            PHYSIOLOGY
         U OF CAL BERKELEY, CALIFORNIA
                             2    4     2    4     1    6     3    5     0    0     30          0         30       YES         NO
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                                  ***** EARNED DEGREES CONFERRED  *****                                        MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

0410        PHYSIOLOGY
         U OF CAL DAVIS, CALIFORNIA
                              11  14     8   13     6    8    10   11    12    7     83          0        83      NO        N/A
           BRIEF PROGRAM DESCRIPTION
             PROGRAM IS DESIGNED TO GIVE A BROAD BACKGROUND IN  PHYSIOLOGY AND THE RELATED PHYSICAL AND
             BIOLOGICAL SCIENCES. AREAS OF SPECIALIZATION INCLUDE CARDIORESPIRATORY PHYSIOLOGY, COMPARATIVE
             PHYSIOLOGY, ENDOCRINOLOGY, METABOLIC AND SYSTEMIC PHYSIOLOGY, NEUROPHYSIOLOGY. GRADS ARE PREPARED
             FOR CAREERS IN TEACHING AT THE COLLEGE/UNIVERSITY LEVEL. RESEARCH  IN PRIVATE AND PUBLIC INDUSTRY,
             I.E., PHARMACEUTICAL AREA. PREREQ.: THREE LETTERS OF RECOMMENDATIONAND GRE SCORES.

            PHYSIOLOGY
         U OF CAL LOS ANGELES, CALIFORNIA
                               2   2      2   5     3    2     1    4     0    3                          20      NO        N/A
           BRIEF PROGRAM DESCRIPTION
             IN ADDITION TO ITS ROLE IN THE SCHOOL OF MEDICINE.  THE DEPARTMENT OF PHYSIOLOGY PROVIDES GRADUATE
             STUDY LEADING PRIMARILY TO THE PH.D. DEGREE. ITS PRINCIPAL FOCUS IS ON MEMBRANE PHYSIOLOGY: MUSCLE,
             DIGESTIVE, AND CARDIOVASCULAR PHYSIOLOGY: AND NEUROPHYSIOLOGY. FOR ADMISSION TO THE GRADUATE PROGRAM
             THE STUDENT IS REQUIRED TO HAVE A BACHELOR'S DEGREE  IN A BIOLOGICAL OR PHYSICAL SCIENCE OR
             PREMEDICAL  CURRICULUM.

            PHYSIOLOGY
         U CAL SAN FRISCO MEDL CTR, CALIFORNIA
                               1   2      1   2     1    1     1    7     1    5     15                   15      NO        N/A
           BRIEF PROGRAM DESCRIPTION
             THE DEPARTMENT OF PHYSIOLOGY OFFERS PROGRAMS LEADING PRIMARILY TO THE DOCTORAL DEGREE IN PHYSIOLOGY.
             STUDY AT UCSF IS WEIGHTED IN FAVOR OF MAMMALIAN ORGANISMS & MAN. HOWEVER, SOME FACULTY MEMBERS ALSO
             STUDY NONMAMMALIAN ORGANISMS. OUR GRADUATES FIND  THEMSELVES DOING RESEARCH OR TEACHING OR BOTH IN
             PROFESSIONAL SCHOOLS, UNIVERSITIES, COLLEGES, RESEARCH INSTITUTES, TECHNICAL INDUSTRIES, &
             GOVERNMENT SERVICE.

            PHYSIOLOGY
         U OF SOUTHERN CALIFORNIA, CALIFORNIA
                               7   5      3   1     1    1     5    7     7    1                          24      NO        N/A
           BRIEF PROGRAM DESCRIPTION
             HYPERBARIC PHYSIOLOGY: PHYSIOPHARMACOLOGY OF TOXINS: ENDOCRINOLOGY: NEUROPHYSIOLOGY.
             PREREQUISITES:GRE APTITUDE: B.S. IN A NATURAL SCIENCE.

            PHYSIOLOGY & BIOPHYSICS
         COLORADO STATE UNIVERSITY, COLORADO
                               6   4      4   6     5    3     6    2    10    2                          35      NO        N/A
           BRIEF PROGRAM DESCRIPTION
             PROBLEMS IN CARDIOVASCULAR, PULMONARY, ENVIRONMENTAL, DIGESTIVE, NEURAL, CELLULAR, OR REPRODUCTIVE
             PHYSIOLOGY THROUGH THE PRINCIPLES & TECHNIQUES OF BIOPHYSICS, BIOENGINEERING, ENDOCRINOLOGY,
             CELLULAR  & MOLECULAR BIOLOGY, METABOLISM & PHARMACOLOGY.
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                              ***** EARNED DEGREES CONFERRED *****                                           MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74   1974-75   1975-76   1976-77   1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

0410         BIOMEDICAL SCIENCES-PHYSIOLOGY
       U OF HAWAII AT MANOA, HAWAII
                              2    1    2    0    2    4    0    2    0    4       8          8        16       NO           N/A
         BRIEF PROGRAM DESCRIPTION
           OFFERED AS A CONCENTRATION IN THE GRAD PROG IN BIOMEDICAL SCI. HYPERBARIC AND EXERCISE PHYSIOLOGY,
           CARDIOPULMONARY, RENAL, THERMO-REGULATORY, ENDOCRINE, SENSORY, MEMBRANE ELECTROPHYSIOLOGY, &
           PHYSIOLOGICAL ANTHROPOLOGY. GRADS ARE PREPARED FOR CAREERSIN TCHG & RESEARCH. APPLICANTS FOR
           MASTER'S DEGREES CONSIDERED ONLY WHEN CANDIDATE EXPECTS TO OBTAINA SUBSEQUENT HIGHER DEGREE.
           PREREQS: GRE (APTITUDE), MCAT, ADEQUATE PREP IN BIO, CHEM, PHYSICS, MATH.

             PHYSIOLOGY
       UNIVERSITY OF UTAH, UTAH
                              0    1    0    1    0    1    0    0    0    0                              5       NO           N/A
         BRIEF PROGRAM DESCRIPTION
           NEUROPHYSIOLOGY, RENAL PHYSIOLOGY, MEMBRANE PHYSIOLOGY AND RELATED BIOPHYSICS, TRANSPORT ACROSS
           MEMBRANES, AND ELECTRON MICROSCOPIC STUDY OF THE NERVOUS SYSTEM.

             PHYSIOLOGY
       U OF OREGON HLTH SCI CTR, OREGON
                              0    0    0    1    0    1    0    1    0    0       4          0         4       NO           N/A
         BRIEF PROGRAM DESCRIPTION
           PROGRAM EMPHASIS: PHYSIOLOGIC INVESTIGATION AND TEACHING, NEUROPHYSIOLOGY, ENDOCRINOLOGY,
           CARDIOVASCULAR, PULMONARY, GASTROINTESTINAL AND RENAL PHYSIOLOGY. PREPARATION FOR CAREERS PRIMARILY
           AS MEDICAL  SCHOOL TEACHERS AND INVESTIGATORS. ADMISSION REQUIREMENTS: B.S., GRE SCORES, TRANSCRIPTS
           SHOWING HIGH PERFORMANCE IN QUANTITATIVE AND BIOLOGICAL SCIENCES, LETTERS SHOWING HIGH INTEREST AND
           MOTIVATION.

             PHYSIOLOGY
       UNIVERSITY OF COLORADO, COLORADO
                              0    1    0    0    0    0    2    1    0    0                              1       NO           N/A
         BRIEF PROGRAM DESCRIPTION
           CURRICULAR EMPHASES OR SUBSPECIALITIES: CELLULAR &  BIOCHEMICAL NEUROBIOLOGY; CELLULAR & BIOCHEMICAL
           ENDOCRINOLOGY; CELL TRANSPORT; KIDNEY PHYSIOLOGY;CARDIOVASCULAR PHYSIOLOGY; AND MATERNAL-FETAL
           PHYSIOLOGY. PRIMARY CAREERS: RESEARCH AND/OR TEACHING  IN PHYSIOLOGY.

0410   TOTAL

                             33   39   29   39   21   32   29   46   31   24     156         19       266


       COUNT

                             14
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED *****										GRADUATE ENROLLMENT 1977-78			MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED	BRIEF PROGRAM DESCRIPTION
		1973-74		1974-75		1975-76		1976-77		1977-78							
		MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	FULL-TIME	PART-TIME	TOTAL			
0411	MICROBIOLOGY UNIVERSITY OF ARIZONA, ARIZONA	3	4	3	1	9	4	6	1	7	1	24	10	34	NO	N/A	CURRENT DEPARTMENTAL RESEARCH INVOLVES AEROBIOLOGY, CYTOCHEMISTRY, ENVIRONMENTAL MICROBIOLOGY, GENERAL MICROBIOLOGY, BIOLOGY, PATHOGENIC MICROBIOLOGY, MYCOLOGY, TISSUE AND CELL CULTURE, AND VIROLOGY.PREREQUISITES: MS DEGREE, KNOWLEDGE OF COMPUTER PROGRAMMING, FOREIGN LANGUAGE--FRENCH, GERMAN, SPANISH, OR RUSSIAN.
	MICROBIOLOGY LOMA LINDA UNIVERSITY, CALIFORNIA	0	1	3	0	3	0	1	0	4	1	10		10	NO	N/A	ENCOMPASSES THE BROAD SCOPE OF HUMAN HOST - PARASITE RELATIONSHIPS. INCLUDES A KNOWLEDGE OF BACTERIA, FUNGI, SPIROCHETES, RICKETTSIAE, VIRUSES, PROTOZOA, ETC. PREPARES TEACHERS, RESEARCH WORKERS, ADMINISTRATORS IN EDUCATION RESEARCH AND HEALTH PROGRAMS.
	MEDICAL MICROBIOLOGY STANFORD UNIVERSITY, CALIFORNIA	2	2	0	8	2	5	1	1	1	6			20	NO	N/A	GENERAL AND MEDICAL MICROBIOLOGY, IMMUNOLOGY, BACTERIAL PHYSIOLOGY AND ECOLOGY, BACTERIAL GENETICS,VIROLOGY.
	MICROBIOLOGY U OF CAL BERKELEY, CALIFORNIA	2	0	3	0	0	1	1	3	0	0	17		17	YES	NO	
	MICROBIOLOGY U OF CAL DAVIS, CALIFORNIA	8	16	6	7	9	11	8	9	14	7	85	0	85	NO	N/A	CELL BIOLOGY, EXPERIMENTAL PATHOLOGY, IMMUNOLOGY,INFECTIOUS DISEASES. GRADS ARE PREPARED FOR CAREERS IN TEACHING AND RESEARCH AT THE UNIVERSITY LEVEL, PRIVATE INDUSTRY, CONTINUATION OF EDUCATION TO BECOME A PHYSICIAN, HOSPITALS AND RELATED HEALTH SCIENCES AREAS. PREREQ.: TWO LETTERS OF RECOMMENDATION AND GRE SCORES.
	MICROBIOLOGY U OF CAL LOS ANGELES, CALIFORNIA	0	5	2	5	3	3	0	5	2	11			31	NO	N/A	THE M.A. AND PH.D. DEGREES IN MICROBIOLOGY ARE OFFERED IN THE DEPARTMENT OF BACTERIOLOGY. THE DEPARTMENT PROVIDES A BALANCED PROGRAM IN MICROBIOLOGY.THE MAJOR AREAS OF FACULTY RESEARCH COMPETENCE ARE GENERAL MICROBIOLOGY, METABOLISM, STRUCTURE AND MICROBIAL PATHOBIOLOGY, INCLUDING TOXIN MECHANISMS, ANIMAL VIROLOGY, AND IMMUNOLOGY.

HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0411	MICROBIOLOGY U CAL SAN FRISCO MEDL CTR, CALIFORNIA	0	0	3	2	1	3	1	0	0	0	9		9	NO	N/A

BRIEF PROGRAM DESCRIPTION

FIELDS OF SPECIALIZATION: VIROLOGY, MOLECULAR BIOLOGY, CELL BIOLOGY OR IMMUNOLOGY. THE AIM OF THE PROGRAM IS TO DEVELOP MATURE SCIENTISTS, WELL QUALIFIED FOR TEACHING & RESEARCH IN BIOLOGY & THE HEALTH SCIENCES.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	MICROBIOLOGY U OF SOUTHERN CALIFORNIA, CALIFORNIA	1	0	0	2	0	0	0	0	0	2			3	NO	N/A

BRIEF PROGRAM DESCRIPTION

MICROBIAL PHYSIOLOGY AND GENETICS: ELECTRONMICROSCOPY: VIROLOGY: IMMUNOLOGY. PREREQUISITES: GRE APTITUDE AND ADVANCED BIOLOGY OR CHEMISTRY OR PHYSICSOR MATHEMATICS: B.S. IN BIOLOGY OR PHYSICS OR CHEMISTRY.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	MICROBIOLOGY COLORADO STATE UNIVERSITY, COLORADO	8	8	10	3	12	3	18	2	25	5			72	NO	N/A

BRIEF PROGRAM DESCRIPTION

RESEARCH AREAS INCLUDE APPLIED MICROBIOLOGY (INCLUDING INDUSTRIAL MICROBIOLOGY), AQUATIC MICROBIOLOGY, ECOLOGY, ENVIRONMENTAL HEALTH, INDUSTRIAL HYGIENE, IMMUNOLOGY, IMMUNOCHEMISTRY, MEDICAL MICROBIOLOGY, CLINICAL MICROBIOLOGY, CHEMICAL MICROBIOLOGY,PHYSIOLOGY, PUBLIC HEALTH, RICKETTSIOLOGY, VIROLOGY, AND VETERINARY MICROBIOLOGY.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	MICROBIOLOGY U OF HAWAII AT MANOA, HAWAII	3	5	3	3	9	10	2	1	8	0	21	13	34	NO	N/A

BRIEF PROGRAM DESCRIPTION

MOST MAJOR FIELDS OF MICROBIOLOGY WITH RESEARCH PROGRAMS EMPHASIZING FUNDAMENTAL CELLULAR AND MOLECULAR APPROACHES RATHER THAN THOSE PRIMARILY OF AN APPLIED OR DIAGNOSTIC CHARACTER. GRADUATES ARE PREPARED FOR CAREERS IN TEACHING, RESEARCH, AND INDUSTRY. PREREQS: GRE (APTITUDE AND ADVANCED BIOLOGY):THREE LETTERS OF RECOMMENDATION.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	MICROBIOLOGY MONTANA STATE UNIVERSITY, MONTANA	6	6	4	1	9	1	13	2	10	3			20	NO	N/A

BRIEF PROGRAM DESCRIPTION

RESEARCH IS BEING CARRIED OUT IN MICROBIOLOGY IN FIELDS OF ENVIRONMENTAL MICROBIOLOGY, MICROBIAL PHYSIOLOGY, BIOLOGY OF EXTREMELY THERMAL AND SALINE ENVIRONMENTS, MECHANISMS OF PATHOGENICITY, MEDICAL MYCOLOGY, MICROBIAL COMMUNITIES, GEOMICROBIOLOGY,AQUATIC MICROBIOLOGY, IMMUNO-PARASITOLOGY, CELLUARIMMUNOLOGY, TRANSPLANTATION IMMUNITY AND MICROBIALECOLOGY.

HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

***** EARNED DEGREES CONFERRED *****

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74		1974-75		1975-76		1976-77		1977-78		GRADUATE ENROLLMENT 1977-78			MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
		MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	FULL-TIME	PART-TIME	TOTAL		
0411	MICROBIOLOGY UNIVERSITY OF MONTANA, MONTANA	3	2	4	3	7	2	4	0	3	1	17	8	25	NO	N/A
	BRIEF PROGRAM DESCRIPTION AREAS OF CONCENTRATION ARE IMMUNOCHEMISTRY, IMMUNOLOGY, MEDICAL MYCOLOGY, MEDICAL BACTERIOLOGY, MOLECULAR IMMUNOLOGY, PARASITOLOGY, PHYSIOLOGY OF PATHOGENIC ORGANISMS, MICROBIAL GENETICS & VIROLOGY. AMASTER'S DEGREE IS A PREREQUISITE FOR ADMISSION TOTHE DOCTORAL PROGRAM & GRE. GRADUATES MAY FIND EMPLOYMENT IN HIGHER EDUCATION, MEDICAL RESEARCH, GOVERNMENT & PRIVATE INDUSTRY.															
	MICROBIOLOGY OREGON STATE UNIVERSITY, OREGON	8	8	4	7	2	5	7	5	4	5	44	12	56	NO	N/A
	BRIEF PROGRAM DESCRIPTION FIELDS INCLUDE MICROBIAL PHYSIOLOGY AND GENETICS;INDUSTRIAL, FOOD, DAIRY, SOIL AND FRESHWATER MICROBIOLOGY, INCLUDING BACTERIA AND VIRUSES. STUDENT PROGRAMS AND RESEARCH PROJECTS ARE DEVELOPED WITH THE MAJOR PROFESSOR AND ARE SUBJECT TO APPROVAL BY THE GRADUATE COMMITTEE. MICROBIOLOGY RESEARCH FACILITIES ARE EXCELLENT AND WELL EQUIPPED.															
	MICROBIOLOGY BRIGHAM YOUNG U MAIN CAM, UTAH	8	1	10	0	2	1	10	3	11	1			32	NO	N/A
	BRIEF PROGRAM DESCRIPTION FIELDS, GENETICS, MICROBIOLOGY, MINORS PERMISSIBLE, ANY APPROVED MINOR IN BIOLOGICAL OR PHYSICAL SCIENCE. QUALIFYING EXAM COVERS: (1) GENERAL MICROBIOLOGY, (2) PATHOGENIC MICROBIOLOGY, (3) IMMUNOLOGY, (4) VIROLOGY, (5) MICROBIAL PHYSIOLOGY, (6) MICROBIAN GENETICS.															
	CELLULAR, VIRAL, AND MOLECULAR BIOLOGY UNIVERSITY OF UTAH, UTAH	2	4	0	4	0	3	0	0	0	4			10	NO	N/A
	BRIEF PROGRAM DESCRIPTION MICROBIAL AND MAMMALIAN CELL BIOLOGY AND GENETICS; MOLECULAR BIOLOGY OF BACTERIOPHAGES AND ANIMAL VIRUSES; VIRAL ONCOLOGY; MOLECULAR BIOLOGY OF EUKARYOTES; MEDICAL AND VETERINARY BACTERIOLOGY, MYCOLOGY AND VIROLOGY, IMMUNOLOGY AND IMMUNOCHEMISTRY; INDUSTRIAL AND SANITATION MICROBIOLOGY; EPIDEMIOLOGY AND CHEMOTHERAPY OF INFECTIOUS DISEASES.															
	MICROBIOLOGY UNIVERSITY OF WASHINGTON, WASHINGTON	16	3	7	7	6	11	16	4	12	2	49	4	49	NO	N/A
	BRIEF PROGRAM DESCRIPTION FORMAL COURSE WORK AND RESEARCH TRAINING IN GENERAL & MEDICAL MICROBIOLOGY,MICROBIAL PHYSIOLOGY & GENETICS,UROLOGY & IMMUNOLOGY. THE PH.D. DEGREE NORMALLY REQUIRES FOUR YEARS OF GRADUATE STUDY BEYOND THE B.S. DEGREE. UNDERGRADUATE PREPARATION SHOULD INCLUDE A YEAR OF GENERAL CHEMISTRY, A YEAR OF COLLEGE PHYSICS, COURSES IN ORGANIC CHEMISTRY & QUANTITATIVE ANALYSIS, A COURSE IN CALCULUS, ONE YEAR OF BIOLOGY, AND A COURSE IN GENETICS.															

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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                              *****  EARNED DEGREES CONFERRED  *****                                   MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

0411        MICROBIOLOGY
         U OF OREGON HLTH SCI CTR, OREGON
                            0    3     0    2     1    3     3    2     1    0      22          0        22       NO         N/A
           BRIEF PROGRAM DESCRIPTION
             BASIC TRAINING WITH EMPHASIS ON RESEARCH. COURSE WORK IN MOLECULAR BIOLOGY, VIROLOGY,
             BACTERIOLOGY,IMMUNOLOGY AND PARASITOLOGY. RESEARCH TRAINING IN  BASIC VIROLOGY, WITH RNA AND DNA
             VIRUSES AND PERSISTENT INFECTIONS; BACTERIOLOGY IN PHYSIOLOGY AND  PATHOGENESIS, EMPHASIZING
             SEXUALLY-TRANSMITTED ORGANISMS AND TOXIN REACTIVITY; IMMUNOLOGY, EMPHASIZING BOTH CELLULAR AND
             HUMORAL IMMUNITY REGULATION  AND CONTROL; PARASITOLOGY EMPHASIS ON GIARDIASIS.  G.S. DEGREE, GRE
             SCORES.

            MICROBIOLOGY
         UNIVERSITY OF COLORADO, COLORADO
                            0    0     1    2     1    0     2    1     1    1                             18       NO         N/A
           BRIEF PROGRAM DESCRIPTION
             CURRICULAR EMPHASES OR SUBSPECIALTIES: CELLULAR &TRADITIONAL IMMUNOLOGY, MICROBIAL GENETICS,
             REGULATION & CONTROL OF MACROMOLECULAR SYNTHESIS, VIRUS  STRUCTURE & REPLICATION & BACTERIOLOGY.
             PRIMARY CAREERS: BIOMEDICAL RESEARCH; TEACHING, PRIMARILY AT THE GRADUATE LEVEL.


0411     TOTAL

                           70   68    63   57    76   56    93   39   103   50     298         47       547



         COUNT

                           18




0412        ANATOMY
         UNIVERSITY OF ARIZONA, ARIZONA
                            0    0     0    0     0    0     0    2     0    2       8          1         9       NO         N/A
           BRIEF PROGRAM DESCRIPTION
             THE DEGREE PROGRAM INCLUDES COURSE WORK IN GROSS ANATOMY, MICROSCOPIC ANATOMY, AND NEUROANATOMY.

            ANATOMY
         LOMA LINDA UNIVERSITY, CALIFORNIA
                            0    1     0    0     2    0     0    0     1    1       2          2         4       NO         N/A
           BRIEF PROGRAM DESCRIPTION
             DEPT. OF ANATOMY OFFERS STUDY PROGRAMS LEADING TO  THE MASTER OF SCIENCE DEGREE IN THE FIELDS OF
             HUMAN BIOLOGY AND ANATOMY AND THE DOCTOR OF PHILOSOPHY DEGREE IN THE FIELD OF ANATOMY. PREPARES
             TEACHERS & RESEARCHERS. DOCTORAL CANDIDATE MUST HAVE COMPLETED MASTERS DEGREE OR ITS EQUIVALENT.
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0412	STRUCTURAL BIOLOGY STANFORD UNIVERSITY, CALIFORNIA BRIEF PROGRAM DESCRIPTION CELL BIOLOGY, HISTOLOGY, GROSS ANATOMY, HUMAN EMBRYOLOGY.	0	0	0	0	0	0	0	0	0	0			1	NO	N/A
	ANATOMY U OF CAL BERKELEY, CALIFORNIA	1	1	0	0	0	1	0	1	0	0	3	0	3	YES	NO
	ANATOMY U OF CAL DAVIS, CALIFORNIA BRIEF PROGRAM DESCRIPTION PROGRAM IS DESIGNED TO PROVIDE FUNDAMENTAL TRAINING IN THE BASIC SUBJECT AREAS. THE AREAS OF SPECIALIZATION INCLUDE DEVELOPMENTAL, GROSS, MICROSCOPIC AND PATHOLOGICAL ANATOMY, ENDOCRINOLOGY AND REPRODUCTION. GRADS ARE PREPARED FOR CAREERS AS TEACHERS AND RESEARCH SCIENTISTS. PREREQ.: THREE LETTERS OF RECOMMENDATION AND GRE SCORES.	5	1	7	0	4	2	3	3	2	3	28	0	28	NO	N/A
	ANATOMY U OF CAL LOS ANGELES, CALIFORNIA BRIEF PROGRAM DESCRIPTION THE DEPARTMENT OF ANATOMY IN THE SCHOOL OF MEDICINE OFFERS GRADUATE TRAINING TO PREPARE STUDENTS FOR CAREERS OF TEACHING AND RESEARCH IN A MEDICAL ORDENTAL SCHOOL ENVIRONMENT. PROGRAMS ARE OFFERED IN AREAS REPRESENTING THE RESEARCH INTERESTS OF THE STAFF: (1)CELLULAR AND TISSUE BIOLOGY, (2)ENDOCRINOLOGY OR, (3)EXPERIMENTAL NEUROLOGY.	0	4	0	4	0	1	1	7	1	6			29	NO	N/A
	ANATOMY U CAL SAN FRISCO MEDL CTR, CALIFORNIA BRIEF PROGRAM DESCRIPTION THE DEPARTMENT OF ANATOMY OFFERS PROGRAMS OF STUDY LEADING TO THE MASTER'S & DOCTORAL DEGREES. DEPARTMENTAL COURSES ARE OFFERED FOR GRADUATE STUDENTS IN ANATOMY & FOR GRADUATE & ADVANCED UNDERGRADUATES FROM OTHER DEPARTMENTS. GRADUATE COURSES ARE AVAILABLE IN THE FIELDS OF CELL BIOLOGY, DEVELOPMENTAL BIOLOGY, NEUROBIOLOGY, ENDOCRINOLOGY, REPRODUCTIVE BIOLOGY, & HUMAN ANATOMY.	0	2	0	2	1	2	0	0	1	4	20		20	NO	N/A
	ANATOMY U OF SOUTHERN CALIFORNIA, CALIFORNIA BRIEF PROGRAM DESCRIPTION PREPARATION FOR RESEARCH AND TEACHING NEUROANATOMY, DEVELOPMENTAL AND MICROSCOPIC ANATOMY. PREREQUISITES: GRE APTITUDE AND ADVANCED BIOLOGY OR CHEMISTRY; B.S. IN SCIENCE.	1	2	1	0	0	0	0	2	0	1			7	NO	N/A

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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                             ***** EARNED DEGREES CONFERRED *****                                         MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74   1974-75   1975-76   1976-77   1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0412       ANATOMY
       COLORADO STATE UNIVERSITY, COLORADO
                            2    1    2    2    0    2    2    4    6    2                         12       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           STUDENTS MAY SPECIALIZE IN EMBRYOLOGY, GROSS ANATOMY, HISTOLOGY, HISTOCYTOCHEMISTRY, NEUROBIOLOGY,
           ULTRASTRUCTURAL CYTOLOGY & SURGICAL ANATOMY. PROFICIENCY IN EMBRYOLOGY, GROSS ANATOMY, HISTOLOGY,
           NEUROANATOMY & PHYSIOLOGY IS REQUIRED.

           ANATOMY
       UNIVERSITY OF UTAH, UTAH
                            3    1    0    5    0    3    0    3    0    2                         11       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           NEUROSCIENCE, NEUROANATOMY, DEVELOPMENTAL NEUROBIOLOGY.

           ANATOMY
       UNIVERSITY OF WASHINGTON, WASHINGTON
                            2    1    2    2    0    3    1    4    1    4     15         3         18       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE TRADITIONAL MAJOR FIELDS OF ANATOMY ARE REPRESENTED IN THE DEPARTMENT BY THREE DIVISIONS: GROSS
           ANATOMY AND NEUROANATOMY, GROWTH AND DEVELOPMENT,  AND HISTOLOGY. THE GRADUATE PROGRAM IS OFFERED TO
           PROVIDE THE BACKGROUND NECESSARY FOR PURSUING A PROFESSIONAL CAREER IN A VARIETY OF FIELDS RELATING
           TO THE MORPHOLOGICAL SCIENCES.

           ANATOMY
       U OF OREGON HLTH SCI CTR, OREGON
                            0    0    0    1    1    0    1    1    0    0      7         0          7       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           ADVANCED STUDY & RESEARCH IN THE FOLLOWING FIELDS:  NEUROEMBRYOLOGY, NEUROENDOCRINOLOGY, FUNCTIONAL
           NEUROANATOMY, ELECTRONIC & STATISTICAL ANALYSIS OF  CENTRAL NERVOUS SYSTEM FUNCTIONS, REPRODUCTIVE
           ENDOCRINOLOGY, EXPERIMENTAL EMBRYOLOGY & TERATOLOGY,MICROCIRCULATION & ELECTRON MICROSCOPY.
           COURSEWORKIN GROSS ANATOMY, HISTOLOGY, NEUROANATOMY & DEVELOPMENTAL BIOLOGY & CURRENT CONCEPTS.
           CAREER PREPARATION FOR TEACHING AND/OR RESEARCH AT THE COLLEGE OR UNIVERSITY LEVEL. PREREQS, B.S.,
           GRE SCORES.

           ANATOMY
       UNIVERSITY OF COLORADO, COLORADO
                            0    0    0    1    0    0    0    1    1    0                          8       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           CURRICULAR EMPHASES OR SUBSPECIALTIES: GROSS ANATOMY, NEUROSCIENCES, MICROSCOPIC ANATOMY,
           DEVELOPMENTAL BIOLOGY & CELL BIOLOGY. PRIMARY CAREERS: TEACHING AND RESEARCH.

0412   TOTAL

                           14   14   12   17    8   14    8   28   13   25     83         6        157
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                                 ***** EARNED DEGREES CONFERRED *****
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78   MANDATORY     CEILING
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   CEILING ON    LEVEL
                                                                                                              ENROLLMENT    REACHED
         COUNT

                           13



0414       BIOCHEMISTRY
        UNIVERSITY OF ARIZONA, ARIZONA
                           7    4     2    4     3    6     0    4     0    5      26          18        44        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            RESEARCH AREAS INCLUDE NUCLEIC ACID METABOLISM, BIOCHEMICAL VIROLOGY, ENZYMOLOGY, LIPID METABOLISM
            AND CHEMISTRY, MEMBRANE STRUCTURE AND FUNCTION, NEUROBIOLOGY, COMPLEX POLYSACCHARIDES, MAMMALIAN
            CELL  CULTURE, MECHANISM OF HORMONE ACTION, BIOCHEMISTRY OF VITAMINS AND COENZYMES, PROTEIN
            STRUCTURE AND  FUNCTION, BIOENERGETICS, BIOLOGICAL OXIDATIONS, PHOTOSYNTHESIS, RAPID REACTION
            KINETICS, VISUAL PROCESSES, PLANT BIOCHEMISTRY, BIOCHEMISTRY AND GENETICS OF CELL ORGANELLES.

           BIOCHEMISTRY
        LOMA LINDA UNIVERSITY, CALIFORNIA
                           0    0     1    0     2    0     0    0     3    0       1          10        11        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            PROVIDES A BROAD BIOCHEMICAL BACKGROUND, YET ALLOWS THE STUDENT TO FULLY DEVELOP A SPECIAL AREA OF
            INTEREST. PREPARES THE GRADUATES FOR A CAREER IN INDEPENDENT RESEARCH AND TEACHING. TAILORED TO
            INDIVIDUAL NEEDS. ASSIGNED TO LABORATORIES AND EXPECTEDTO PARTICIPATE IN RESEARCH. WRITTEN AND ORAL
            EXAMINATIONS AND ONE QUARTER OF TEACHING EXPERIENCE REQUIRED.

           BIOCHEMISTRY
        STANFORD UNIVERSITY, CALIFORNIA
                           0    3     0    5     0    3     0    4     0    4                            24        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            GENERAL BIOCHEMISTRY, CHEMISTRY AND BIOLOGY OF NUCLEIC ACIDS, MECHANISM AND REGULATION OF PROTEIN
            BIOSYNTHESIS, MECHANISTIC ASPECTS OF ENZYME ACTION,BIOCHEMISTRY OF MEMBRANES, PHYSICAL CHEMISTRY OF
            PROTEINS AND NUCLEIC ACIDS, BIOCHEMISTRY OF BACTERIAL AND ANIMAL VIRUSES, THE MOLECULAR BASIS OF
            MORPHOGENESIS, AND THE STRUCTURE AND FUNCTION PROKARYOTIC AND EUKARYOTIC CHROMOSOMES.

           BIOCHEMISTRY
        U OF CAL BERKELEY, CALIFORNIA
                           6   10     4   11     5    9     3   19     0    0      90           0        90        YES         NO
          BRIEF PROGRAM DESCRIPTION
            INCLUDES COMPARATIVE BIOCHEMISTRY.

           BIOCHEMISTRY
        U OF CAL DAVIS, CALIFORNIA
                           1   12     8    7     3    7     2   11     2   12      60           0        60        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            BASIC INSTRUCTION IN THE GENERAL ASPECTS OF ANIMAL, PLANT, AND MICROBIAL BIOCHEMISTRY IS PROVIDED.
            SINCE THE MEMBERSHIP OF THE DEPARTMENT INCLUDES MORE THAN 50 FACULTY MEMBERS FROM 18 DEPARTMENTS,
            THERE ARE MANY AREAS OF RESEARCH AVAILABLE FOR A STUDENT TO PURSUE IN DEPTH. AVAILABLE CAREERS
            INCLUDE  TEACHING AND RESEARCH AT THE COLLEGE/UNIVERSITY LEVEL, PRIVATE INDUSTRY. PREREQ.: TWO
            LETTERS OF RECOMMENDATION, APPROPRIATE EDUCATIONAL EXPERIENCE, GRE SCORES.
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED *****										GRADUATE ENROLLMENT 1977-78			MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
		1973-74		1974-75		1975-76		1976-77		1977-78						
		MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	FULL-TIME	PART-TIME	TOTAL		
0414	BIOCHEMISTRY U OF CAL LOS ANGELES, CALIFORNIA	3	2	5	6	2	7	8	4	13	2			56	NO	N/A

BRIEF PROGRAM DESCRIPTION

THE BIOCHEMISTRY DIVISION OF THE CHEMISTRY DEPARTMENT & THE DEPARTMENT OF BIOLOGICAL CHEMISTRY IN THE SCHOOL OF MEDICINE OFFER COORDINATED PROGRAMS LEADING TO THE M.S. & PH.D. DEGREES. ALTHOUGH THERE IS CLOSE COOPERATION BETWEEN THE TWO DEPARTMENTS.A STUDENT MUST BE FORMALLY ADMITTED INTO THE PROGRAM OF ONE DEPARTMENT OR THE OTHER. APPLICANTS IN BIOCHEMISTRY ARE EXPECTED TO HOLD A BACHELOR'S DEGREE IN CHEMISTRY, BIOCHEMISTRY, OR A RELATED LIFE SCIENCE.

	BIOCHEMISTRY U OF CAL RIVERSIDE, CALIFORNIA	7	8	6	3	4	3	7	7	7	6	57		57	NO	N/A

BRIEF PROGRAM DESCRIPTION

PROGRAM EMPHASIZES BASIC BIOCHEMISTRY WITH RESEARCH SPECIALIZATION IN THE AREAS OF MOLECULAR BIOLOGY, METABOLIC BIOCHEMISTRY, PLANT BIOCHEMISTRY, ENZYME CHEMISTRY, AND PHYSICAL BIOCHEMISTRY. STUDENTS WHO HAVE COMPLETED A BACHELOR'S DEGREE IN PHYSICAL, BIOLOGICAL, OR AGRICULTURAL SCIENCES ARE ELIGIBLE TO ENTER THE PROGRAM.

	BIOCHEMISTRY U CAL SAN FRISCO MEDL CTR, CALIFORNIA	1	2	2	2	0	8	1	5	1	2	21		21	NO	N/A

BRIEF PROGRAM DESCRIPTION

THE CURRENT PROGRAM INCLUDES COURSES IN ADVANCED BIOCHEMISTRY, MOLECULAR BIOLOGY, CELL & DEVELOPMENTAL BIOLOGY, THE STRUCTURE & FUNCTION OF MACROMOLECULES, MEMBRANE TRANSPORT, NEUROBIOLOGY, & BIOMATHEMATICS.

	BIOCHEMISTRY U OF SOUTHERN CALIFORNIA, CALIFORNIA	0	3	0	3	0	4	1	0	0	4			27	NO	N/A

BRIEF PROGRAM DESCRIPTION

CLINICAL CHEMISTRY: PROTEINS: HUMAN METABOLISM. PREREQUISITES: GRE APTITUDE AND ADVANCED CHEMISTRY OR BIOLOGY: B.S. IN A NATURAL SCIENCE (CHEMISTRY PREFERRED).

	BIOCHEMISTRY COLORADO STATE UNIVERSITY, COLORADO	1	5	1	2	0	1	2	4	0	4			29	NO	N/A

BRIEF PROGRAM DESCRIPTION

STUDENTS WISHING TO EXPLORE THE CHEMICAL OR MOLECULAR ASPECTS OF BIOLOGY & MEDICINE ARE ENCOURAGED TO WRITE FOR ADDITIONAL INFORMATION. PROGRAMS ARE INDIVIDUALIZED TO FIT A STUDENT'S INTERESTS & LONG-TERM OBJECTIVES. INTERACTIONS WITH RESEARCH AREAS OUTSIDE THE DEPARTMENT OF BIOCHEMISTRY ARE ENCOURAGED.

HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

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                                  ***** EARNED DEGREES CONFERRED *****                                            MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/      1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION        MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

0414        BIOMEDICAL SCIENCES-BIOCHEMISTRY
        U OF HAWAII AT MANOA, HAWAII
                              3    1     2    1     2    0     2    2     6    5     13         15        28        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            OFFERED AS A CONCENTRATION IN THE GRADUATE PROGRAM  IN BIOMEDICAL SCIENCES. BROAD COVERAGE OF ALL
            FIELDS INCLUDING ENERGY TRANSDUCTION, ENZYMOLOGY, STRUCTURE AND FUNCTIONAL RELATIONSHIPS OF
            PROTEINS, HORMONES, REPORDUCTIVE BIOLOGY, MARINE BIOCHEMISTRY. GRADUATES ARE PREPARED FOR CAREERS IN
            UNIVERSITY  TEACHING AND RESEARCH. PREREQS: GRE (APTITUDE AND  ADVANCED TEST WITHIN ANY AREA OF
            SCIENCE).

            BIOCHEMISTRY
        UNIVERSITY OF IDAHO, IDAHO
                              0    3     0    1     0    0     2    0     0    0      6          0         6        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            GRADUATE STUDY IN BIOCHEMISTRY PERMITS INTERDISCIPLINARY PROGRAMS WITH VARIOUS DEPARTMENTS IN THE
            COLLEGES OF AGRICULTURE, ENGINEERING, LETTERS AND SCIENCE AND FORESTRY. UNDER THE MAJOR IN
            BIOCHEMISTRY AREAS OF CONCENTRATION IN PLANT AND ANIMAL BIOCHEMISTRY ARE ENCOURAGED. EMPHASIS IS
            PLACED ON LABORATORY PERFORMANCE, EXAMINATIONS AND BY THE DEVELOPMENT AND COMPLETION OF A
            DISSERTATION REQUIRING ORIGINAL THOUGHT AND INDEPENDENT LABORATORY INVESTIGATIONS.

            BIOCHEMISTRY
        MONTANA STATE UNIVERSITY, MONTANA
                              0    0     0    0     0    1     3    0     2    0                            8        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE PH.D. IN BIOCHEMISTRY IS AWARDED THROUGH THE CHEMISTRY DEPARTMENT. THE RESEARCH PROGRAMS
            DESCRIBED UNDER THE CHEMISTRY PROGRAM INCLUDE BIOCHEMISTRY AREAS.

            BIOCHEMISTRY
        U OF NEVADA RENO, NEVADA
                              1    0     1    1     2    0     0    0     0    0                                     NO          N/A



            BIOCHEMISTRY/BIOPHYSICS
        OREGON STATE UNIVERSITY, OREGON
                              4    4     2    2     2    3     0    7     1    4     29          0        29        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            INCLUDES COURSEWORK IN BOTH BIOCHEMISTRY AND BIOPHYSICS.

            BIOCHEMISTRY
        UNIVERSITY OF UTAH, UTAH
                              0    2     0    1     0    3     0    2     0    1                           10        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            PROTEIN CHEMISTRY, IMMUNOCHEMISTRY, MECHANISM OF ENZYME ACTION, PROTEIN BIOSYNTHESIS, RIBOSOME
            STRUCTURE AND FUNCTION, CHEMISTRY AND DERIVATION OF EXTRANUCLEAR DNA, BIOCHEMISTRY OF THE CELL
            NUCLEUS, BIOCHEMISTRY OF CONNECTIVE TISSUE, BIOSYNTHESIS OF  TERPENES AND CAROTENOIDS, METABOLISM OF
            STEROID HORMONES, X-RAY CRYSTALLOGRAPHY, MASS SPECTROSCOPY.
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                                ***** EARNED DEGREES CONFERRED *****                                                  MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0414        BIOCHEMISTRY
       UTAH STATE UNIVERSITY, UTAH
                             1    0     2    1     0    1     0    3     3    2                            10       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           ADVANCED LEVEL THEORY, EXPERIMENTAL LABORATORY RESEARCH ON AN ORIGINAL PROBLEM INVOLVING LATEST
           TECHNIQUES AND INSTRUMENTATION. CAREER PREPARATION FOR  RESEARCH IN ACADEMIC, INDUSTRIAL OR
           GOVERNMENT LABORATORIES AT THE ADVANCED LEVEL. PREREQS: BS OR BA DEGREE IN CHEMISTRY WITH ADEQUATE
           BACKGROUND IN  MATH, PHYSICS, AND BIOLOGY: GOOD UNDERGRADUATE GRADES (B OR BETTER IN SCIENCE
           COURSES) AND HIGH GRESCORES.

            BIOCHEMISTRY
       UNIVERSITY OF WASHINGTON, WASHINGTON
                             0    6     1    7     1    7     2   10     1    9     40          2         42       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           SPECIFIC RESEARCH PROJECTS MAY ENTAIL STUDY IN SUCH RELATED FIELDS AS MICROBIOLOGY, GENETICS,
           ORGANIC CHEMISTRY, PHYSIOLOGY & PHARMACOLOGY. FOR THE PH.D. DEGREE, EACH STUDENT IS REQUIRED TO GAIN
           TEACHING EXPERIENCE, USUALLY DURING PART OF THE FIRST &  SECOND YEARS IN THE GRADUATE PROGRAM. THE
           BASIC REQUIREMENTS FOR ADMISSION ARE ONE YEAR OF ORGANIC  CHEMISTRY, ONE YEAR OF PHYSICAL CHEMISTRY,
           INCLUDING LABORATORY & MATHEMATICS THROUGH INTEGRAL CALCULUS.

            BIOCHEMISTRY
       WASHINGTON ST UNIVERSITY, WASHINGTON
                             0    2     0    4     0    1     0    2     0    1     24          1         25       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE PROGRAM POSSESSES THE FLEXIBILITY REQUIRED TO  MEET THE NEEDS & INTERESTS OF STUDENTS WITH
           VARIED BACKGROUNDS IN CHEMISTRY, BIOLOGY & PHYSICS. UPON ENTRANCE EACH CANDIDATE MUST DEMONSTRATE
           THE ADEQUACY OF HIS UNDERGRADUATE TRAINING BY SATISFACTORY PERFORMANCE IN PLACEMENT EXAMINATIONS
           ADMINISTERED BY THE DEPARTMENT.

            BIOCHEMISTRY
       UNIVERSITY OF WYOMING, WYOMING
                             1    5     2    2     0    1     0    1     0    1                              8       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           ACTIVE RESEARCH PROGRAMS IN AREAS OF BIOCHEMISTRY,  MUCH OF WHICH IS SUPPORTED BY GRANTS FROM
           NATIONAL INSTITUTES.  AREAS INCLUDE ANTI-TUMOR NATURAL PRODUCTS, CELLULAR CONTROL MECHANISMS, CELL
           WALL AND  CYST FORMATION, PROTEIN BIOSYNTHESIS AND STEROIDS.  PREREQS: B.S. IN AREA OF PHYSICAL OR
           BIOLOGICAL  SCIENCES.  GRE IN BIOLOGY OR CHEMISTRY REQUIRED IN ALL THREE AREAS.

            BIOCHEMISTRY
       U OF OREGON HLTH SCI CTR, OREGON
                             0    2     1    2     1    3     0    2     2    2     10          1         11       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PRINCIPLES, CONCEPTS, CURRENT THEORIES AND TRENDS  IN BIOCHEMISTRY AND CELL AND MOLECULAR BIOLOGY:
           APPLICATIONS AND IMPACT IN MEDICINE. RESEARCH: DESIGNED TO EXPERIMENTALLY ASSESS HYPOTHESES OR
           THEORETICAL ASPECTS IN MOST MAJOR AREAS OF BIOCHEMISTRY,PARTICULARLY AS IT RELATES TO MOLECULAR
           BIOLOGY AND MEDICINE.
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                              ***** EARNED DEGREES CONFERRED *****                                           MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

0414        BIOCHEMISTRY
       UNIVERSITY OF COLORADO, COLORADO
                              0    1     1    0     0    0     0    0     1    0                          12      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           CURRICULAR EMPHASES OR SUBSPECIALTIES: THE PROGRAM  IS DESIGNED TO PROVIDE A BROAD, GENERAL COURSE
           BACKGROUND IN BIOCHEMISTRY, BIOPHYSICS & RELEVANT PORTIONS OF MOLECULAR GENETICS PRIOR TO
           SPECIALIZATION IN THE RESEARCH AREA OF THE PH.D. MENTOR. PREPARATION FOR RESEARCH INCLUDES A PERIOD
           OF SUCCESSIVE LABORATORY ROTATIONS INITIATED SOON AFTER A STUDENT ARRIVES. PRIMARY CAREERS: TEACHING
           AND/OR CONDUCT OF BASIC RESEARCH.

0414   TOTAL

                             36   75    41   65    27   68    33   87    42   64     377        47       608


       COUNT

                             22



0415        BIOPHYSICS
       STANFORD UNIVERSITY, CALIFORNIA
                              0    0     0    2     0    2     0    1     0    0                           6      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           INTRODUCTORY STUDIES IN BIOLOGY, BIOCHEMISTRY, AND  CHEMISTRY ARE FOLLOWED BY INDIVIDUALLY PLANNED
           ADVANCED STUDY PROGRAMS.

            BIOPHYSICS
       U OF CAL BERKELEY, CALIFORNIA
                              2    5     6   12     2    7     4   11     0    0      89         0        89      YES         NO
         BRIEF PROGRAM DESCRIPTION
           INCLUDES MEDICAL PHYSICS.

            BIOPHYSICS
       U OF CAL DAVIS, CALIFORNIA
                              0    0     0    1     0    0     0    1     0    1       4         0         4      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           CURRICULUM CONSISTS OF CERTAIN CORE COURSES IN BIOLOGY, CHEMISTRY, AND PHYSICS FOLLOWED BY
           SEPCIALIZATION IN ONE OF THREE OPTIONS CHOSEN BY THE STUDENT (A BIOLOGICAL SPECIALIZATION, A
           PHYSICAL AND CHEMICAL SPECIALIZATION, AND A NUCLEAR SPECIALIZATION). GRADS ARE PREPARED FOR CAREERS
           IN TEACHING AND  RESEARCH AT THE COLLEGE/UNIVERSITY LEVEL, PRIVATE  INDUSTRY. PREREQ.: TWO LETTERS
           OF RECOMMENDATION.  GRE SCORES RECOMMENDED.
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WICHE DOCTORAL PROGRAM INVENTORY
MAY 1979

HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74		1974-75		1975-76		1976-77		1977-78		GRADUATE ENROLLMENT 1977-78			MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
		MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	FULL-TIME	PART-TIME	TOTAL		
0415	BIOPHYSICS U CAL SAN FRISCO MEDL CTR, CALIFORNIA	0	0	0	0	0	1	0	2	0	1	4		4	NO	N/A
	BRIEF PROGRAM DESCRIPTION THE GRADUATE PROGRAM IS ORIENTED SO THAT STUDENTS WILL DEVELOP A GENERAL FOUNDATION IN THE PHYSICALSCIENCES & CONSIDERABLE INSIGHT CONCERNING THE VARIOUS MANIFESTATIONS OF LIVING PROCESSES.															
	BIOMEDICAL SCIENCES-BIOPHYSICS U OF HAWAII AT MANOA, HAWAII	2	0	0	0	1	1	0	0	0	2	0	5	5	NO	N/A
	BRIEF PROGRAM DESCRIPTION OFFERED AS A CONCENTRATION IN THE GRADUATE PROGRAM IN BIOMEDICAL SCIENCES. ELECTRON SPIN RESONANCE AS APPLIED TO BIOLOGICAL SYSTEMS, NMR STUDIES OF NUCLEOTIDES AND NUCLEI ACIDS, CD INVESTIGATION OF MACROMOLECULES, RAPID REACTION. GRADUATES ARE PREPARED FOR CAREERS IN UNIVERSITY TEACHING AND RESEARCH. PREREQS: GRE (APTITUDE AND ADVANCED TEST WITHIN ANY AREA OF SCIENCE).															
	MEDICAL BIOPHYSICS AND COMPUTING UNIVERSITY OF UTAH, UTAH	0	1	0	2	0	2	0	5	0	3			29	NO	N/A
	BRIEF PROGRAM DESCRIPTION CARDIOVASCULAR PHYSIOLOGY, PHYSIOLOGICAL SYSTEMS ANALYSIS, BIOMEDICAL APPLICATION OF COMPUTERS, PATIENT MONITORING, AUTOMATED PATIENT TESTING, MEDICAL DECISION MAKING.															
	BIOPHYSICS AND GENETICS UNIVERSITY OF COLORADO, COLORADO	0	4	0	2	0	0	5	3	3	0			20	NO	N/A
	BRIEF PROGRAM DESCRIPTION CURRICULAR EMPHASES OR SUBSPECIALTIES: GENERAL BIOPHYSICS & GENETICS, THEORETICAL BIOPHYSICS, CELL BIOLOGY, HUMAN GENETICS & PHYSICAL BIOCHEMISTRY. PRIMARY CAREERS: RESEARCH AND/OR TEACHING IN BIOPHYSICS, CELL BIOLOGY, GENETICS OR PHYSICAL BIOCHEMISTRY.															
0415	TOTAL	4	10	6	19	3	13	9	23	3	7	97	5	157		
	COUNT	7														

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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                                 ***** EARNED DEGREES CONFERRED *****                                        MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

0416        MOLECULAR BIOLOGY
       UNIVERSITY OF ARIZONA, ARIZONA
                            1    4     0    3     0    2     0    6     0    3     12          7        19      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PROGRAMS ARE CONCERNED PRIMARILY WITH THE NATURE,SYNTHESIS, AND FUNCTION OF BIOLOGICAL STRUCTURES AT
           THE MOLECULAR AND SUPRAMOLECULAR LEVELS. AREAS OF CURRENT RESEARCH EMPHASIZE VIROLOGY, GENETICS, AND
           IMMUNOLOGY.

            MOLECULAR BIOLOGY
       U OF CAL BERKELEY, CALIFORNIA
                            1    9     4    4     0    6     1    7     0    0     38          0        38      YES         NO


            MOLECULAR BIOLOGY
       U OF CAL LOS ANGELES, CALIFORNIA
                            0    7     0    6     0    4     0    5     0    4                         31      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           AREAS FOR STUDY INCLUDE STRUCTURE AND FUNCTION OF  MACROMOLECULES, MOLECULAR GENETICS AND VIROLOGY:
           BIOENERGETICS, CATALYSIS AND CONTROL: MOLECULAR BASIS OF CELLULAR ARCHITECTURE, DEVELOPMENT AND
           EVOLUTION, MOLECULAR NEUROBIOLOGY AND THE MOLECULAR BASIS OF CANCER AND ITS CONTROL.

            MOLECULAR, CELLULAR & DEVELOPMENTAL BIOLOGY
       UNIVERSITY OF COLORADO, COLORADO
                            0    2     4    3     1    5     2    3     3    2                         53      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           CURRICULAR EMPHASES OR SUBSPECIALTIES: MOLECULAR,  CELLULAR & DEVELOPMENTAL BIOLOGY, SPECIAL
           RESEARCH, LABORATORY, OR FIELD REQUIREMENTS: TWO SEMESTERS OF TEACHING, PRIMARY CAREERS: RESEARCH,
           TEACHING, MEDICAL & BIOMEDICAL TECHNICAL WORK OF ALL KINDS.

0416   TOTAL

                            2   22     8   16     1   17     3   21     3    9     50          7       141


       COUNT

                            4



0417        CELLULAR AND DEVELOPMENTAL BIOLOGY
       UNIVERSITY OF ARIZONA, ARIZONA
                            0    0     0    0     0    0     0    0     0    1      8          5        13      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           STUDENTS SPECIALIZE IN AREAS OF INTEREST TO THE FACULTY. APPLICANTS SHOULD BE PREPARED IN CHEMISTRY,
           PHYSICS, AND MATHEMATICS. APTITUDE GRE SCORES REQUIRED.
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WICHE DOCTORAL PROGRAM INVENTORY
MAY 1979

HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

		***** EARNED DEGREES CONFERRED *****										GRADUATE ENROLLMENT 1977-78			MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
		1973-74		1974-75		1975-76		1976-77		1977-78						
HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	FULL-TIME	PART-TIME	TOTAL		
0417	CELLULAR AND MOLECULAR U OF SOUTHERN CALIFORNIA, CALIFORNIA	0	3	1	7	1	4	3	8	3	4			38	NO	N/A
	BRIEF PROGRAM DESCRIPTION BIOPHYSICS, BIOCHEMISTRY, GENETICS AND DEVELOPMENTOF CELLS. PREREQUISITES: GRE APTITUDE AND ADVANCEDBIOLOGY OR CHEMISTRY OR PHYSICS; B.S. IN BIOLOGY OR CHEMISTRY OR PHYSICS OR ENGINEERING OR BACTERIOLOGY.															
0417	TOTAL	0	3	1	7	1	4	3	8	3	5	8	5	51		
	COUNT	2														
0419	BIOSTATISTICS U OF CAL BERKELEY, CALIFORNIA	3	0	3	1	2	3	7	4	0	0	24	0	24	YES	NO
	BIOSTATISTICS U OF CAL LOS ANGELES, CALIFORNIA	5	5	19	2	9	3	21	6	9	2			35	NO	N/A
	BRIEF PROGRAM DESCRIPTION M.S. AND PH.D. IN BIOSTATISTICS. RESIDENCY IN GENERAL PREVENTIVE MEDICINE WITH SUB-MAJORS IN EITHER EPIDEMIOLOGY OR HEALTH PLANNING AND POLICY ANALYSIS IS AVAILABLE TO PHYSICIANS.															
	BIOMETRY U OF SOUTHERN CALIFORNIA, CALIFORNIA	0	0	0	0	0	0	4	0	4	0			16	NO	N/A
	BRIEF PROGRAM DESCRIPTION PLANNING, COLLECTION AND PROCESSING OF HEALTH DATA, STATISTICAL EVALUATION OF DATA, COMMUNICATION OF RESULTS. PREREQUISITES: GRE APTITUDE, AB IN MATHEMATICS OR STATISTICS OR BIOSTATISTICS WITH HEALTHSCIENCES MINOR.															

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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                              *****  EARNED DEGREES CONFERRED  *****                                       MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

0419        BIOSTATISTICS-EPIDEMIOLOGY
        U OF HAWAII AT MANOA, HAWAII
                              0    0     0    0     0    0     0    0     0    0      4          4         8      NO          N/A
          BRIEF PROGRAM DESCRIPTION
            OFFERED AS A CONCENTRATION IN THE GRADUATE PROGRAM  IN BIOMEDICAL SCIENCES. PROGRAM EMPHASES:
            BIOSTATISTICS; DEMOGRAPHIC STATISTICS; CHRONIC DISEASE EPIDEMIOLOGY; GENETIC EPIDEMIOLOGY;
            INFECTIOUS DISEASE EPIDEMIOLOGY; NUTRITIONAL EPIDEMIOLOGY. GRADUATES ARE PREPARED FOR CAREERS IN
            UNIVERSITY TEACHING  & RESEARCH. PREREQS: GRE (APTITUDE); M.S. IN BIOSTATISTICS, EPIDEMIOLOGY, OR A
            CLOSELY RELATED FIELD; THREE LETTERS OF RECOMMENDATION.

           BIOMETRICS
        UNIVERSITY OF WASHINGTON, WASHINGTON
                              3    2     5    4     6    2    12    5    10    4     61         13        74      NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE BIOMATHEMATICS GROUP ADMINISTERS A GRADUATE PROGRAM IN QUANTITATIVE METHODS APPLIED TO THE
            MEDICAL & BIOLOGICAL SCIENCES. IN THIS PROGRAM STUDENTS  DEVELOP COMPETENCE IN MATHEMATICS &
            STATISTICS AS  APPLIED TO SUCH DIVERSE AREAS OF MEDICINE, EPIDEMIOLOGY, HEALTH SERVICES, ECOLOGY,
            BIOLOGY & FISHERIES. STUDENTS MAY ENTER THE PROGRAM FROM UNDERGRADUATE MAJORS IN MATHEMATICS OR
            STATISTICS OR ANY BIOLOGICAL FIELD.


0419    TOTAL

                             11    7    27    7    17    8    44   15    23    6     89         17       157



        COUNT

                              5



0420       ECOLOGY AND EVOLUTIONARY BIOLOGY
        UNIVERSITY OF ARIZONA, ARIZONA
                              0    0     0    0     0    0     0    0     0    0     33         21        54      NO          N/A
          BRIEF PROGRAM DESCRIPTION
            CONCENTRATIONS AVAILABLE IN BOTANY, ENVIRONMENTAL  PHYSIOLOGY, EVOLUTION, GENETICS, MARINE BIOLOGY,
            POPULATION AND COMMUNITY ECOLOGY, AND VERTEBRATE  BIOLOGY AND SYSTEMATICS.

           ECOLOGY
        SAN DIEGO STATE U, CALIFORNIA
                              0    0     0    0     0    0     0    0     0    1      0          4         4      NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE PROGRAM IS OFFERED JOINTLY BY THE UNIVERSITY OF CALIFORNIA, DAVIS AND SAN DIEGO STATE UNIVERSITY
            AND REQUIRES CONCURRENT ADMISSION AND ATTENDANCE  AT BOTH CAMPUSES. THE PROGRAM INVOLVES A WIDE
            SPECTRUM OF RESEARCH INCLUDING TERRESTRIAL FRESHWATER, AND MARINE ECOYSTEMS, AND INVOLVING
            INVESTIGATIONS AT THE INDIVIDUAL, POPULATION, COMMUNITY, AND ECOYSTEM LEVELS.
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                                  ***** EARNED DEGREES CONFERRED  *****                                          MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

0420        ECOLOGY
         U OF CAL DAVIS, CALIFORNIA
                            33   11    26   15    23    9    26   19    16   15     156          1       157      NO         N/A
           BRIEF PROGRAM DESCRIPTION
             SPECIALIZATIONS: BIOLOGICAL, HUMAN, & PHYSICAL-CHEMICAL ECOLOGY. ONE OF THE MAJOR OBJECTIVES OF THE
             PROGRAM IS TO ENCOURAGE CROSS-DISCIPLINARY TRAINING WITH PRINCIPLES OF ECOLOGY AS CENTRAL TO THE
             APPLICATION OF OTHER DISCIPLINARY SKILLS. GRADS ARE  PREPARED FOR CAREERS IN TEACHING & RESEARCH AT
             THE STATE COLLEGE/UNIVERSITY LEVEL, STATE & FEDERAL  GOVERNMENT AGENCIES, PRIVATE INDUSTRY. PREREQ.:
             THREE LETTERS OF RECOMMENDATION AND GRE SCORES, APPROPRIATE EDUCATION EXPERIENCE.


0420     TOTAL

                            33   11    26   15    23    9    26   19    16   16     189         26       215


         COUNT

                             3



0421        ENTOMOLOGY
         UNIVERSITY OF ARIZONA, ARIZONA
                             1    2     5    2     2    0     5    1     7    4      19          9        28      NO         N/A
           BRIEF PROGRAM DESCRIPTION
             CONCENTRATIONS AVAILABLE IN ACAROLOGY, APICULTURE.  BEHAVIOR, BIOLOGICAL CONTROL, BIONOMICS,
             ECOLOGY,  HOST PLANT RESISTANCE, INSECT PEST MANAGEMENT, MORPHOLOGY, PHYSIOLOGY, TAXONOMY,
             TOXICOLOGY, AND VETERINARY AND PUBLIC HEALTH ENTOMOLOGY.

            ENTOMOLOGY
         U OF CAL BERKELEY, CALIFORNIA
                             7    8     3   11     7    8     6    9     0    0      73          0        73      YES        NO


            ENTOMOLOGY
         U OF CAL DAVIS, CALIFORNIA
                             4   10     3    4     8    4     7    7     6    6      57          1        58      NO         N/A
           BRIEF PROGRAM DESCRIPTION
             ACAROLOGY, AGRICULTURAL ENTOMOLOGY, APICULTURE AND., BIOL. CONTROL, ENVIRONMENTAL TOXICOLOGY,
             INSECTXICOLOGY, INSECT BEHAVIOR, INSECT PHYSIOLOGY, MEDILOGY, PEST MGMT. CAREERS INCLUDE MANAGERIAL
             AND TET. AMONG OTHERS. CAREER OPPORTUNITIES INCLUDE MANAPODUCTION, CHEM COMPANIES, TCHG & RESEARCH.
             PREREQFEDERAL AGENCIES, AGRICULTURAL PRODUCTION, CHEMICAL COMPANIES, TEACHING AND RESEARCH AT
             UNIVERSITY LPLANT OR ANIMAL PATHOLOGY AND PHYSIOLOGY.
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0421	ENTOMOLOGY U OF CAL RIVERSIDE, CALIFORNIA	12	14	6	14	4	6	4	5	6	7	66	1	67	NO	N/A
	BRIEF PROGRAM DESCRIPTION SPECIALIZATIONS INCLUDE ACAROLOGY, BIOLOGICAL CONTROL, INSECT BEHAVIOR, INSECT ECOLOGY, INSECT PATHOLOGY, INSECT PEST MANAGEMENT, INSECT PHYSIOLOGY AND BIOCHEMISTRY, INSECT SYSTEMATICS, INSECT TOXICOLOGY, MEDICAL ENTOMOLOGY, AND URBAN ENTOMOLOGY.															
	ENTOMOLOGY U OF HAWAII AT MANOA, HAWAII	4	3	3	2	1	5	7	2	3	3	9	24	33	NO	N/A
	BRIEF PROGRAM DESCRIPTION BASIC AND APPLIED FIELDS IN ACAROLOGY, BIOLOGICAL CONTROL, INSECT ECOLOGY, MORPHOLOGY, INSECT PATHOLOGY, TOXICOLOGY, TAXONOMY AND EVOLUTION, TROPICALECONOMIC ENTOMOLOGY, AND INSECT TRANSMISSION OF PLANT PATHOGENS. GRADUATES ARE PREPARED FOR CAREERS IN UNIVERSITY TEACHING AND RESEARCH AND IN PRIVATE INDUSTRY. PREREQS: MINIMUM OF 18 HOURS IN ENTOMOLOGY AND ZOOLOGY: COURSES IN ALGEBRA, BOTANY, GENETICS, PHYSICS.															
	ENTOMOLOGY UNIVERSITY OF IDAHO, IDAHO	2	4	4	1	1	1	3	4	3	4	25	5	30	NO	N/A
	BRIEF PROGRAM DESCRIPTION GRADUATE WORK IS OFFERED IN THE FOLLOWING SPECIALIZED AREAS: AGRICULTURAL ENTOMOLOGY, AQUATIC ENTOMOLOGY, BIOLOGICAL CONTROL, FOREST ENTOMOLOGY, INSECT ECOLOGY, INSECT-PLANT RELATIONS, INSECT HISTOLOGY, ANATOMY AND MORPHOLOGY, INSECT TRANSMISSION OF PLANT VIRUSES, SYSTEMATIC ENTOMOLOGY AND PEST MANAGEMENT.															
	ENTOMOLOGY MONTANA STATE UNIVERSITY, MONTANA	0	1	0	0	1	0	1	0	1	0			5	NO	N/A
	BRIEF PROGRAM DESCRIPTION RESEARCH IN ENTOMOLOGY INCLUDES PROJECTS IN ECOLOGY AND EMBRYOLOGY.															
	ENTOMOLOGY OREGON STATE UNIVERSITY, OREGON	6	3	1	0	6	3	3	3	8	2	31	6	37	NO	N/A
	BRIEF PROGRAM DESCRIPTION ENVIRONMENTAL QUALITY RESEARCH IS ORIENTED TOWARD AQUATIC ECOSYSTEMS. RESEARCH IN AGRICULTURALLY-ORIENTED PROBLEM AREAS: ACAROLOGY, BIOLOGICAL CONTROL, EXTENSION ENTOMOLOGY, INSECT VECTORS OF PLANT VIRUSES, TOXICOLOGY, AND POLLINATION AND APICULTURE. APPLIED FIELDS INCLUDE URBAN PEST MANAGEMENT, MEDICAL, AND VETERINARY ENTOMOLOGY. BASIC RESEARCH OPPORTUNITIES EXIST IN THE AREAS OF ECOLOGY, BIOSYSTEMATICS, AND PHYSIOLOGY. FACILITIES AVAILABLE TO SUPPORT RESEARCH,INCLUDING THE ENTOMOLOGY MUSEUM.															

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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                                ***** EARNED DEGREES CONFERRED *****                                          MANDATORY     CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON    LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT    REACHED

0421        ENTOMOLOGY
         WASHINGTON ST UNIVERSITY, WASHINGTON
                             0    0    5    3    6    1    4    2    2    4     22          1         23       NO           N/A
           BRIEF PROGRAM DESCRIPTION
             INCLUDES FORMAL COURSES IN ENTOMOLOGY, INCLUDING INSECT PHYSIOLOGY, INSECT MORPHOLOGY, INSECT
             SYSTEMATICS, PRINCIPLES OF INSECT CONTROL, GENERAL ECOLOGY, BIOMETRY, INVERTEBRATE ZOOLOGY & GENERAL
             BIOCHEMISTRY. THE CANDIDATE MUST PASS READING EXAMINATIONS IN TWO FOREIGN LANGUAGES, USUALLY FRENCH,
             GERMAN, OR RUSSIAN. PREREQUISITES: RECOMMENDED COMPLETION OF GENERAL ENTOMOLOGY, GENETICS, ANIMAL
             PHYSIOLOGY & ORGANIC CHEMISTRY.

            ENTOMOLOGY
         UNIVERSITY OF WYOMING, WYOMING
                             1    3    3    2    3    1    2    2    2    0                           15       NO           N/A
           BRIEF PROGRAM DESCRIPTION
             THESIS AND RESEARCH PROBLEMS UNDERTAKEN AT VARIOUS  UNIVERSITY FARMS, EXPERIMENTAL AREAS,
             LABORATORIES, INSECTARY, AND GREEN HOUSE FACILITIES.  NO SPECIFIC TOOL OR LANGUAGE REQUIRED FOR
             PH.D.  12 ADDITIONAL HOURS OF COURSE WORK BEYOND REGULAR PROGRAMMAY BE SUBSTITUTED.  CANDIDATE MAY
             USE 2 TOOLS ORLANGUAGE REQUIREMENTS OR COMBINATION: OR 1 TOOL OR  LANGUAGE AND 6 ADDITIONAL HOURS.


0421     TOTAL

                            37   48   33   39   39   29   42   35   38   30    302         47        369


         COUNT

                            10



0422        GENETICS
         UNIVERSITY OF ARIZONA, ARIZONA
                             6    2    4    6    3    4    6    3    7    3     34         12         46       NO           N/A
           BRIEF PROGRAM DESCRIPTION
             CONCENTRATIONS AVAILABLE IN ANIMAL AND PLANT GENETICS: CYTOGENICS: AND ECOLOGICAL, HUMAN, MICROBIAL,
             MOLECULAR, PHYSIOLOGICAL, POPULATION, AND STATISTICAL GENETICS.

            GENETICS
         SAN DIEGO STATE U, CALIFORNIA
                             0    1    0    1    0    0    0    0    0    0      0          3          3       NO           N/A
           BRIEF PROGRAM DESCRIPTION
             THE PROGRAM IS OFFERED JOINTLY BY THE UNIVERSITY OF CALIFORNIA, BERKELEY AND SAN DIEGO STATE
             UNIVERSITY AND REQUIRES CONCURRENT ADMISSION AND ATTENDANCE AT BOTH CAMPUSES. THE PROGRAM COVERS A
             WIDE RANGE OF SPECIALIZED FIELDS IN GENETICS INCLUDING POPULATION GENETICS, RADIATION GENETICS,
             PHYSIOLOGICAL AND DEVELOPMENTAL GENETICS, EVOLUTION, BIOCHEMICAL AND DEVELOPMENTAL GENETICS, HUMAN
             GENETICS AND  CYTOGENETICS.
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

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                                ***** EARNED DEGREES CONFERRED *****                                          MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0422        GENETICS
        STANFORD UNIVERSITY, CALIFORNIA
                            0    4     0    1     1    2     0    0     0    1                           13       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE FUNCTION OF DNA IN BACTERIA. GENETICS OF HEMOGLOBIN. GENETIC AND CELLULAR IMMUNOLOGY.
            BIOCHEMICAL NEUROGENESIS. BIOCHEMICAL GENETICS OF MENTAL DISEASE. THE INTERACTIONS OF CULTURAL AND
            BIOLOGICALEVOLUTION. THE INVESTIGATION OF EXTRATERRESTRIAL LIFE. AND THE APPLICATION OF NEW PHYSICAL
            TECHNIQUES AND QUATUM THEORY TO GENETIC RESEARCH.

            GENETICS
        U OF CAL BERKELEY, CALIFORNIA
                            2    4     1    4     1    4     2    6     0    0     34          0           34       YES         NO



            GENETICS
        U OF CAL DAVIS, CALIFORNIA
                            4   14     5   16     6   19    13   16     7    8     96          1           97       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            AREAS OF STUDY INCLUDE BIOCHEMICAL & MOLECULAR GENETICS. CYTOLOGY & CYTOGENETICS. DEVELOPMENTAL
            GENETICS. IMMUNOGENETICS. MICROBIAL GENETICS. POPULATION. EVOLUTIONARY. ECOLOGICAL & QUANTITATIVE
            GENETICS. & VARIOUS ASPECTS OF THE GENETICS OF ANIMAL &  PLANT BREEDING. GRADS ARE PREPARED FOR
            CAREERS INTEACHING AT THE UNIVERSITY LEVEL. PRIVATE INDUSTRY. STATE & FEDERAL AGENCIES. PREREQ.:
            COURSES IN BIOCHEMISTRY. BOTANY. PHYSIOLOGY. ZOOLOGY. MATHEMATICS; 2 LETTERS OF RECOMMENDATION & GRE
            SCORES.

            GENETICS
        U OF CAL RIVERSIDE, CALIFORNIA
                            0    0     0    2     0    0     0    1     0    1      9                       9       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            SPECIALIZATIONS INCLUDE: CYTOGENETICS; POPULATION.  QUANTITATIVE. BIOCHEMICAL. MICROBIAL AND
            PHYSIOLOGICAL GENETICS; AND EVOLUTION. CAREERS IN COLLEGE-  OR UNIVERSITY-LEVEL TEACHING AND
            RESEARCH. OR IN  FUNDAMENTAL OR APPLIED GENETIC RESEARCH IN PRIVATE. GOVERNMENTAL OR INDUSTRIAL
            LABORATORIES.

            BIOMEDICAL SCIENCES-GENETICS
        U OF HAWAII AT MANOA, HAWAII
                            2    2     9    2     2    1     4    4     3    2     11         16           27       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            OFFERED AS A CONCENTRATION IN THE GRADUATE PROGRAM  IN BIOMEDICAL SCIENCES. STATISTICAL.
            POPULATION,CYTOLOGICAL & BEHAVIORAL ASPECTS OF HUMAN GENETICS; EVOLUTIONARY, ECOLOGICAL & POPULATION
            GENETICS OF DROSOPHILIA; BIOCHEMICAL & CELLULAR ASPECTS OF GENETICS; GENETICS OF VARIATION OF THE
            AQUACULTURAL  PRAWN. MACROBRACHIUM. GRADUATES ARE PREPARED FOR  CAREERS IN UNIVERSITY TEACHING &
            RESEARCH. PREREQS: GRE (APTITUDE); UNDERGRADUATE DEGREE IN BIOLOGYOR THE EQUIVALENT; 2 LETTERS OF
            RECOMMENDATION.
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                              ***** EARNED DEGREES CONFERRED *****                                            MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0422       GENETICS
        MONTANA STATE UNIVERSITY, MONTANA
                              0    0     0    0     0    2     0    2     0    0                           2       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE INTERDEPARTMENTAL INSTITUTE OF GENETICS SUPERVISES WORK LEADING TO THE PH.D. IN GENETICS. THE
            GENERAL FIELDS WITHIN WHICH GRADUATE RESEARCH MAY BE  CONDUCTED ARE: BARLEY BREEDING AND GENETICS,
            IMMUNOGENETICS, SPRING WHEAT BREEDING & GENETICS, HORTICULTURE CROP BREEDING AND BIOSYSTEMATICS,
            MICROBIAL GENETICS, STRUCTURAL BIOCHEM., HOST-PARASITE INTERACTIONS, ANIMAL BREEDING & PHYSIOLOGY &
            GENETICS IN PLANT PATHOLOGY.

           GENETICS
        OREGON STATE UNIVERSITY, OREGON
                              0    3     0    1     2    1     0    0     0    0        1          0          1       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            STUDENTS PARTICIPATE IN RESEARCH DESIGNED TO PREPARE THEM FOR CAREERS AT THE LEADING EDGE OF THE
            SCIENCE OF GENETICS. THEY WILL BE PROVIDED WITH A SEQUENCE OF COURSES BY FACULTY DOING WORK IN
            GENETICS  IN THE MAJOR BIOLOGICAL SUBDISCIPLINES.

           GENETICS
        UNIVERSITY OF WASHINGTON, WASHINGTON
                              3    1     0    5     0    3     0    5     2    5       32          1         33       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THERE ARE OPPORTUNITIES FOR GRADUATE WORK IN A WIDE VARIETY OF RESEARCH AREAS, WITH MATERIALS
            RANGING FROM MACROMOLECULES TO MAN. NEW GRADUATE STUDENTS JOIN A RESEARCH PROJECT IN ONE OF THE
            FACULTY LABORATORIES. NORMALLY A FULL QUARTER IS SPENT IN EACH OF THREE DIFFERENT LABORATORIES.
            APPLICATIONS FOR GRADUATE WORK ARE INVITED FROM STUDENTS WHO HAVE EMPHASIZED BIOLOGY, THE PHYSICAL
            SCIENCES, OR MATHEMATICS IN THEIR UNDERGRADUATE CAREERS.

           GENETICS
        WASHINGTON ST UNIVERSITY, WASHINGTON
                              1    1     5    1     3    3     3    1     2    0       18          1         19       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            SPECIALIZED TRAINING IN BIOCHEMICAL & DEVELOPMENTAL GENETICS; MUTAGENESIS; CYTOGENETICS;
            CYTOTAXONOMY & EVOLUTION; & MATHEMATICAL & POPULATION GENETICS. A RELATIVELY HIGH-LEVEL PROFICIENCY
            IN ONE FOREIGN LANGUAGE IS REQUIRED. PREREQUISITES: A STRONG  UNDERGRADUATE PREPARATION IN
            BIOLOGICAL SCIENCES,  PHYSICAL SCIENCES & MATHEMATICS.

           HUMAN GENETICS
        U OF OREGON HLTH SCI CTR, OREGON
                              0    0     0    0     0    0     0    0     0    0        4          0          4       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            COURSE WORK IN HUMAN GENETICS AND RELATED SUBJECTS. EXPOSURE TO CLINICAL GENETIC PROBLEMS. THESIS
            RESEARCH IN THE AREA OF INTEREST OF ONE OF THE PARTICIPATING FACULTY. PREREQ.: B.S. IN APPROPRIATE
            SUBJECT. ACCEPTABLE GRE. 3.0 GRADUATE G.P.G.
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                           *****  EARNED DEGREES CONFERRED  *****                                                  MANDATORY    CEILING
HEGIS   NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE      INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED
0422      TOTAL

                             18   32    24   39    18   39    28   38    21   20     239         34       288


          COUNT

                             12



0423         RADIOLOGY & RADIATION BIOLOGY
          COLORADO STATE UNIVERSITY, COLORADO
                              8    7     7    5     9    2     9    6     8    6                           36      NO          N/A
            BRIEF PROGRAM DESCRIPTION
              SPECIALIZATIONS: VETERINARY RADIOLOGY, HEALTH PHYSICS, BIOLOGICAL EFFECTS OF RADIATION, CELLULAR &
              MOLECULAR RADIATION BIOLOGY, RADIOTRACER TECHNIQUES, RADIOCHEMISTRY, RADIATION PHYSICS, QUANTITATIVE
              RADIATION BIOLOGY & RADIOECOLOGY.

0423      TOTAL

                              8    7     7    5     9    2     9    6     8    6       0          0        36


          COUNT

                              1



0424         AGRICULTURAL BIOCHEMISTRY & NUTRITION
          UNIVERSITY OF ARIZONA, ARIZONA
                              0    0     1    0     2    0     3    0     3    0      22         18        40      NO          N/A
            BRIEF PROGRAM DESCRIPTION
              CONCENTRATIONS ARE AVAILABLE IN ANIMAL, INSECT, ORHUMAN NUTRITION; FOOD SCIENCE; THE BIOCHEMISTRY
              OFINSECTS, PLANTS, PLANT VIRUSES, LIPIDS AND STEROLS, OR VITAMINS; AND IN TECHNIQUES OF HIGH
              PRESSURE  REACTIONS.

             NUTRITION
          U OF CAL BERKELEY, CALIFORNIA
                              7    7     7    7     7    3     2    6     0    0      35          0        35      YES         NO
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                                 ***** EARNED DEGREES CONFERRED *****                                             MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/      1973-74    1974-75    1975-76    1976-77    1977-78    GRADUATE ENROLLMENT 1977-78   CEILING ON   LEVEL
CODE      INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT   FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

0424        NUTRITION
       WASHINGTON ST UNIVERSITY, WASHINGTON
                              3    4     1    4     1    2     6    3     6    0      21          9        30        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           AREAS OF SPECIALIZATION INCLUDE BIOCHEMICAL NUTRITION & METABOLISM, APPLIED NUTRITION OF MAN &
           DOMESTIC ANIMALS, NUTRIENT INTERACTIONS, ALTERNATIVE SOURCES OF FEEDS & FOODS, NUTRITIONAL STATUS OF
           MAN& THE EFFECT OF DIET ON HEALTH.


0424   TOTAL

                             10   11     9   11    10    5    11    9     9    0      78         27       105


       COUNT

                              3



0425        NEURO- & BIOBEHAVIORAL SCIENCES
       STANFORD UNIVERSITY, CALIFORNIA
                              1    2     0    5     1    6     0    7     0    6                           16        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           BIOCHEMISTRY, NEUROPHYSIOLOGY, NEUROANATOMY.

            NEUROSCIENCES
       U OF CAL LOS ANGELES, CALIFORNIA
                              0    1     0    4     0    2     0    4     0    4                           30        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE INTERDISCIPLINARY PROGRAM OF GRADUATE TRAINING  LEADING TO THE PH.D. IN NEUROSCIENCE UTILIZES
           FACILITIES,RESOURCES & ACTIVITIES OF THE BRAIN RESEARCH INSTITUTE & IS ADMINISTERED BY AN
           INTERDEPARTMENTAL DEGREE COMMITTEE. STUDENTS MAY PURSUE AN EDUCATIONAL EXPERIENCE THROUGH ANY OF 9
           SUBDISCIPLINES: NEUROANATOMY,NEUROCHEMISTRY,NEUROPHYSIOLOGY,BEHAVIOR,NEUROCYBERNETICS &
           COMMUNICATION,NEUROENDOCRINOLOGY,NEUROPHARMACOLOGY,NEUROIMMUNOLOGY & NEUROPATHOLOGY.

            NEUROSCIENCES
       U OF CAL SAN DIEGO, CALIFORNIA
                              0    3     0    6     0    4     0    5     2    4      35                   35        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           INTERDISCIPLINARY PROGRAM WITH RESEARCH AND TEACHER TRAINING OPPORTUNITIES ESTABLISHED AT VARIOUS
           LOCAL SCIENTIFIC INSTITUTIONS AND SUCH DEPARTMENTS AS CHEMISTRY, LINGUISTICS, MATHEMATICS, MEDICINE,
           PATHOLOGY, PHYSICS, PSYCHIATRY, PSYCHOLOGY, MARINE  BIOLOGY AS SUBJECT MATTER IS PERTINENT TO THE
           NEUROSCIENCES. WIDE LATITUDE OF PREPARATIONS POSSIBLEWITH DEMONSTRATED ACADEMIC PROWESS.
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                            ***** EARNED DEGREES CONFERRED *****                                               MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

0425       NEUROSCIENCES
       U CAL SAN FRISCO MEDL CTR, CALIFORNIA
                             0    0     0    0     0    0     0    0     0    0       7                   7      NO         N/A
         BRIEF PROGRAM DESCRIPTION
           AN INTERDISCIPLINARY DEGREE PROGRAM IN NEUROSCIENCES WAS ESTABLISHED AT THE UNIVERSITY OF
           CALIFORNIA, SAN FRANCISCO IN JANUARY 1977. THE PROGRAM SEEKS  TO TRAIN STUDENTS WHO WILL BE EXPERT
           IN ONE PARTICULAR APPROACH TO NEUROBIOLOGICAL RESEARCH & ITS RELATED BASIC SCIENCE DISCIPLINES. &
           WHO WILL HAVE  A STRONG BACKGROUND IN OTHER AREAS OF NEUROBIOLOGY AS WELL.

0425   TOTAL

                             1    6     0   15     1   12     0   16     2   14      42          0         88


       COUNT

                             4



0426       TOXICOLOGY
       UTAH STATE UNIVERSITY, UTAH
                             2    3     1    0     2    0     4    2     0    0                                     NO         N/A
         BRIEF PROGRAM DESCRIPTION
           EFFECTS OF TOXIC CONCENTRATIONS OF SUBSTANCES INCLUDING PESTICIDES, POLLUTANTS, METALS, DRUGS,
           INDUSTRIAL COMPOUNDS AND NATURAL FOOD CONSTITUENTS, IN  ANIMALS AND ORGANISMS IMPORTANT IN
           AGRICULTURAL OR ENVIRONMENTAL SCIENCES OR AS MODELS FOR MEDICAL  RESEARCH. RESEARCH INVOLVES
           TOXICOLOGY, PHARMACOLOGY, PHYSIOLOGY, PATHOLOGY, AND BIOCHEMISTRY. CAREER PREP. FOR INDUSTRY, GOVT.
           AND ED. INSTS IN CONSULTATION, PRODUCT TESTING AND DEVELOPMENT, REGULATORY ACTIVITIES, OR ANALYTICAL
           SERVICES.

0426   TOTAL

                             2    3     1    0     2    0     4    2     0    0       0           0          0


       COUNT

                             1
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                              ***** EARNED DEGREES CONFERRED *****                                  MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74   1974-75   1975-76   1976-77   1977-78  GRADUATE ENROLLMENT 1977-78 CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME  PART-TIME  TOTAL ENROLLMENT  REACHED

0427       REPRODUCTIVE BIOLOGY
       U OF HAWAII AT MANOA, HAWAII
                            1    0    1    0    0    0    1    0    0    0     5          1         6       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           OFFERED AS A CONCENTRATION IN THE GRADUATE PROGRAM  IN BIOMEDICAL SCIENCES. BIOCHEMICAL,
           PHYSIOLOGICAL AND ANATOMICAL ASPECTS OF MAMMALIAN REPRODUCTION  INCLUDING REPRODUCTIVE CYTOGENETICS
           AND SEXUAL BEHAVIOR. GRADUATES ARE PREPARED FOR CAREERS IN RESEARCH AND TEACHING IN MEDICAL SCHOOLS
           AND OTHER GRADUATE PROGRAMS. PREREQS: GRE (APTITUDE AND ADVANCED TEST IN BIOLOGY OR CHEMISTRY); TWO
           LETTERS OF RECOMMENDATION AND STATEMENT OF CAREER GOALS.

0427   TOTAL

                            1    0    1    0    0    0    1    0    0    0     5          1         6


       COUNT

                            1



0428       CELLULAR AND MOLECULAR BIOLOGY
       U OF SOUTHERN CALIFORNIA, CALIFORNIA
                            0    3    1    7    1    4    3    8    3    4                          38       NO         N/A


0428   TOTAL

                            0    3    1    7    1    4    3    8    3    4     0          0        38


       COUNT

                            1



0475       PHYSIOLOGY AND BIOPHYSICS
       UNIVERSITY OF WASHINGTON, WASHINGTON
                            1    7    1    7    0    5    2    5    1    8    27          6        33       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           THE DEPARTMENT IS WELL EQUIPPED TO PROVIDE INSTRUCTION AND RESEARCH TRAINING IN MEMBRANE
           PHYSIOLOGY,NEUROPHYSIOLOGY, CARDIOVASCULAR, RESPIRATORY ANDRENAL PHYSIOLOGY AND ENDOCRINOLOGY.
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                                  *****  EARNED DEGREES CONFERRED  *****                                       MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED


0475     TOTAL

                             1    7     1    7     0    5     2    5     1    8      27          6       33



         COUNT

                             1



0497        PHARMACOLOGY & TOXICOLOGY
         U OF CAL DAVIS, CALIFORNIA
                             0    0     2    1     2    0     2    1     3    8      48          1       49      NO          N/A
           BRIEF PROGRAM DESCRIPTION
             GENERAL PHARMACOLOGY, DRUG METABOLISM, CHEMOTHERAPY, NEUROPHARMACOLOGY, CARDIOVASCULAR
             PHARMACOLOGY,RENAL PHARMACOLOGY AND ENVIRONMENTAL TOXICOLOGY. GRADS ARE PREPARED FOR CAREERS IN
             RESEARCH AND TEACHING AT THE STATE COLLEGE AND UNIVERSITY LEVEL, FIELDS OF BIOLOGICAL AND MEDICAL
             SCIENCES. PREREQ.:  THREE LETTERS OF RECOMMENDATION. GRE SCORES.

0497     TOTAL

                             0    0     2    1     2    0     2    1     3    8      48          1       49



         COUNT

                             1



0498        ENDOCRINOLOGY
         U OF CAL DAVIS, CALIFORNIA
                             0    0     0    0     0    0     0    0     0    2       9          0        9      NO          N/A
           BRIEF PROGRAM DESCRIPTION
             INTEGRATION OF BIOLOGICAL PROCESSES THROUGH CHEMICAL MEDIATORS AND HORMONAL MECHANISMS. GRADS ARE
             PREPARED FOR CAREERS IN TEACHING AND RESEARCH AT THE  COLLEGE AND UNIVERSITY LEVEL. FIELDS OF
             BIOLOGICAL AND MEDICAL SCIENCES. PREREQ.: THREE LETTERS OFRECOMMENDATION. GRE SCORES ARE
             RECOMMENDED.
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                                      WICHE DOCTORAL PROGRAM INVENTORY
                                                  MAY 1979

HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                                  *****  EARNED DEGREES CONFERRED  *****                                         MANDATORY     CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78 CEILING ON    LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0498     TOTAL

                             0    0     0    0     0    0     0    0     0    2       9          0        9



         COUNT

                             1



0499        CANCER BIOLOGY
         STANFORD UNIVERSITY, CALIFORNIA
                             0    0     0    0     0    0     0    0     0    0                           8       NO        N/A
           BRIEF PROGRAM DESCRIPTION
             1978-79 1ST YEAR OF PROGRAM. UNDERSTANDING AND CONTROL OF NEOPLASTIC GROWTH.

            ENDOCRINOLOGY, PARASITOLOGY
         U OF CAL BERKELEY, CALIFORNIA
                             2    2     0    2     0    0     1    1     0    0      12          0       12       YES       NO


            OTHER BIOLOGY
         U OF CAL LOS ANGELES, CALIFORNIA
                             3    7     4    7     3    9     2   10     3   10                          67       NO        N/A
           BRIEF PROGRAM DESCRIPTION
             PROGRAMS ARE OFFERED IN: (1)BIOLOGICAL CHEMISTRY:(2)BIOMATHEMATICS, AND: (3)MICROBIOLOGY AND
             IMMUNOLOGY.

            POPULATION BIOLOGY
         U OF CAL RIVERSIDE, CALIFORNIA
                             0    1     0    2     0    2     0    0     0    0       3                   3       NO        N/A
           BRIEF PROGRAM DESCRIPTION
             THE PRIMARY AIM OF THE INTERDEPARTMENTAL DOCTORAL  PROGRAM IN POPULATION BIOLOGY IS TO PROVIDE
             PERSONS UNIQUELY TRAINED IN THE FIVE AREAS OF POPULATION BIOLOGY: POPULATION GENETICS, POPULATION
             ECOLOGY, MICROEVOLUTION, DEMOGRAPHY, AND STATISTICAL POPULATION BIOLOGY.

            PHYSIOLOGY/PHARMACOLOGY
         U OF CAL SAN DIEGO, CALIFORNIA
                             0    0     0    1     0    2     0    0     3    2      42                  42       NO        N/A
           BRIEF PROGRAM DESCRIPTION
             INCLUDED IN THIS PROGRAM ARE THE FUNCTION & METABOLISM OF CELLS, ORGANS & ORGAN SYSTEMS: THE
             FUNDAMENTAL MECHANISM ACTION OF DRUGS, THEIR EFFECTIVENESS & THEIR USE AS TOOLS FOR BETTER
             UNDERSTANDING OF  BIOCHEMISTRY & PHYSIOLOGICAL PROCESSES, PREPARATION INCLUDES CALCULUS, ORGANIC
             CHEMISTRY, PHYSICAL  CHEMISTRY & BIOCHEMISTRY OR MOLECULAR BIOLOGY.
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                             *****  EARNED DEGREES CONFERRED  *****                                              MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME   PART-TIME   TOTAL  ENROLLMENT   REACHED

0499        OTHER BIOLOGY
       U CAL SAN FRISCO MEDL CTR, CALIFORNIA
                             2    2     3    3     0    4     1    2     0    0      26                    26      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           INCLUDES: ENDOCRINOLOGY; IMMUNOLOGY; & MEDICAL PHYSICS.

        TROPICAL MEDICINE
       U OF HAWAII AT MANOA, HAWAII
                             0    0     0    0     0    0     0    0     0    0       2          1          3      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           OFFERED AS A CONCENTRATION IN THE GRADUATE PROGRAM  IN BIOMEDICAL SCIENCES, MEDICAL VIROLOGY,
           BACTERIOLOGY, PARASITOLOGY AND ENTOMOLOGY. GRADUATES ARE  PREPARED FOR CAREERS IN MEDICAL RESEARCH
           WITH EMPHASES ON THE BIOLOGY AND CLINICAL ASPECTS OF TROPICAL DISEASES. PREREQS: GRE (APTITUDE AND
           ADVANCED  TEST IN BIOLOGY); TWO LETTERS OF RECOMMENDATION AND STATEMENT OF CAREER GOALS.

        VETERINARY SCIENCE-NOT D.V.M.
       MONTANA STATE UNIVERSITY, MONTANA
                             0    0     6    3     1    0     0    0     0    0                                     NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE DEPARTMENT OF VETERINARY SCIENCE IS A PART OFTHE VETERINARY RESEARCH LAB. NO UNDERGRADUATE OR
           D.V.M. DEGREES ARE OFFERED, BUT THE PH.D. AND M.S.DEGREES ARE GRANTED BY UTILIZING STRONG TIES
           WITHOTHER DEPARTMENTS. THE RESEARCH AREAS IN THE DEPTINCLUDE BACTERIOLOGY, IMMUNOLOGY, BIOCHEMISTRY,
           PHYSIOLOGY, PARASITOLOGY, VIROLOGY AND PATHOLOGY.

        MEDICINAL CHEMISTRY
       UNIVERSITY OF UTAH, UTAH
                             0    0     0    2     0    2     0    1     0    0                                     NO          N/A
         BRIEF PROGRAM DESCRIPTION
           CANCER CHEMOTHERAPY, ANTIVIRAL COMPOUNDS, NATURAL  PRODUCT STRUCTURE ELUCIDATION AND SYNTHESIS,
           SYNTHESIS AND STRUCTURE DETERMINATION OF ANTIBIOTICS,  ANTIMETABOLITES, PREPARATION OF NEW DRUGS FOR
           TROPICAL DISEASES, DRUG ANALYSIS, BIOMEDICAL MASS SPECTROMETRY, AND NUCLEIC ACID CHEMISTRY AND
           BIOCHEMISTRY.

        ZOOPHYSIOLOGY
       WASHINGTON ST UNIVERSITY, WASHINGTON
                             0    6     0    2     0    1     0    2     0    0       5          1          6      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           OBJECTIVES ARE TO PROVIDE A BROAD GENERAL KNOWLEDGE IN ANIMAL PHYSIOLOGY &, IN ADDITION, A
           SUFFICIENT KNOWLEDGE OF ANIMAL BIOLOGY TO ENABLE HIM TO RECOGNIZE SIGNIFICANT PHYSIOLOGICAL PROBLEMS
           MORE READILY & TO SELECT APPROPRIATE EXPERIMENTAL SPECIES.  PREREQUISITES: DOCTORAL STUDENTS USUALLY
           HAVE ACHIEVED A MASTER'S DEGREE IN ZOOLOGY OR BIOLOGY; HOWEVER, A MASTER'S DEGREE IS NOT A REQUISITE
           FOR BEGINNING DOCTORAL WORK.


0499   TOTAL

                             7   18    13   22     4   20     4   16     6   12      90          2        167
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HEGIS CATEGORY: 0400 BIOLOGICAL SCIENCES

                                   ***** EARNED DEGREES CONFERRED *****                                                  MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78   CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

         COUNT

                           10


CATEGORY TOTAL

                           773  783   810  735   721  712   892  759   787  639   4139        633      7046


         COUNT

                           220
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HEGIS CATEGORY: 0500 BUSINESS

                           *****  EARNED DEGREES CONFERRED  *****                                                MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74   1974-75   1975-76   1976-77   1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

0501        BUSINESS ADMINISTRATION
        UNIVERSITY OF ARIZONA, ARIZONA
                            63    6   38    3   32    4   38    4   60    6    141        100        241       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            PROGRAMS ARE DESIGNED TO MEET THE DEMANDS FOR TEACHERS, CONSULTANTS, & MANAGEMENT PERSONNEL TRAINED
            IN THE APPLICATION OF SCIENTIFIC RESEARCH TO BUSINESS PROBLEMS. THE DEGREE PROGRAM IS
            INTERDISCIPLINARY. IN ADDITION TO A CORE, THE PROGRAM REQUIRES  A MAJOR IN ONE OF THE CONCENTRATION
            FIELDS AVAILABLE IN THE COLLEGE: ACCOUNTING, FINANCE, MANAGEMENT, MARKETING, QUANTITATIVE METHODS IN
            BUSINESS, AREA DEVELOPMENT & MANAGEMENT INFORMATION SYSTEMS.

            BUSINESS
        UNIVERSITY OF SANTA CLARA, CALIFORNIA
                           294    2  260    3  304    2  317    2  407    3    309       1002       1311       YES         YES
          BRIEF PROGRAM DESCRIPTION
            STUDY OF THE SIGNIFICANCE OF THE ORIENTATION OF BUSINESS TO A DYNAMIC SOCIETY AND THE PROBLEMS OF
            CONTROL OF COMPLEX ASPECTS OF THE ECONOMY: FOCUSED ON PROBLEMS OF BUSINESS BUT INTENDED TO BE BROAD
            AND GENERAL, RATHER THAN VOCATIONAL. CANDIDATES MUST  EMPHASIZE ACCOUNTING, MANAGEMENT, MARKETING,
            QUANTITATIVE METHODS, FINANCE, OR ECONOMICS. GRADS QUALIFIED FOR CAREERS IN BUSINESS, ACADEMICS, AND
            GOVERNMENT. PREREQS. INCLUDE: BACCALAUREATE DEGREE, GMAT SCORES, LETTERS OF RECOMMENDATION.

            BUSINESS
        U OF SOUTHERN CALIFORNIA, CALIFORNIA
                           498    2  438    0  401    6  402    2  333    1                          1184       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            SPECIALIZATIONS: ACCOUNTING: DECISION SCIENCES: BUSINESS ECONOMICS: DECISION SYSTEMS & CORPORATE
            STRATEGY: FINANCE: INFORMATION SYSTEMS: MANAGEMENT SCIENCE: MARKETING: ORGANIZATIONAL BEHAVIOR.
            PREREQUISITES: GRE APTITUDE: MASTER'S DEGREE AND GMAT RECOMMENDED.


0501    TOTAL

                           855   10  736    6  737   12  757    8  800   10    450       1102       2736


        COUNT

                             3



0502        ACCOUNTING
        U OF SOUTHERN CALIFORNIA, CALIFORNIA
                             9    2   10    4    8    4    2    3   43    3                           111       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            SPECIALIZATION IN BUSINESS ADMINISTRATION. INCLUDES FINANCIAL ACCOUNTING, MANAGEMENT ACCOUNTING
            INFORMATION SYSTEMS, BUSINESS TAXATION.
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HEGIS CATEGORY: 0500 BUSINESS

                                 ***** EARNED DEGREES CONFERRED *****                                            MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0502        ACCOUNTING
       U OF OREGON MAIN CAMPUS, OREGON
                            16    5    13    2     8    1    11    1     8    2     36          9        45       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           FOCUSES ON MANAGERIAL AND FINANCIAL ACCOUNTING, AUDITING, COST ANALYSIS, AND CONTROL FOR PUBLIC,
           INDUSTRIAL, AND GOVERNMENTAL ACCOUNTING.


0502      TOTAL

                            25    7    23    6    16    5    13    4    51    5     36          9       156


          COUNT

                             2



0503        DECISION SCIENCES
       U OF SOUTHERN CALIFORNIA, CALIFORNIA
                             0    0     0    0     0    4     0    0     0    0                          1       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           SPECIALIZATION IN BUSINESS ADMINISTRATION. INCLUDES DATA ANALYSIS, RESEARCH STATISTICS, DECISION
           THEORY, OPERATIONS RESEARCH, SYSTEM MODELING.

            STATISTICS
       UNIVERSITY OF WYOMING, WYOMING
                             4    0     5    0     1    2     2    1     4    2                         24       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PREPARATION FOR RESEARCH POSITIONS IN BIOLOGICAL AND SOCIAL SCIENCES BY EXTENDING KNOWLEDGE IN
           STATISTICS.  PREREQS: GRE IN APTITUDE SECTION OR GMAT EXAM SCORES.  FOREIGN LANGUAGE OR COMPUTER
           COMPETENCY IS REQUIRED.

0503      TOTAL

                             4    0     5    0     1    6     2    1     4    2      0          0        25


          COUNT

                             2
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HEGIS CATEGORY: 0500 BUSINESS

                                      ***** EARNED DEGREES CONFERRED *****                                                    MANDATORY    CEILING
HEGIS   NAME OF PROGRAM/         1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78   CEILING ON   LEVEL
CODE      INSTITUTION            MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL    ENROLLMENT   REACHED

0504        BANKING AND FINANCE
        U OF SOUTHERN CALIFORNIA, CALIFORNIA
                                   0    0     0    4     0    6     0    0     0    3                             1       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            FINANCE SPECIALIZATION IN BUSINESS ADMINISTRATION.  INCLUDES BUSINESS FINANCE, INVESTMENTS,
            FINANCIAL  INSTITUTIONS AND MARKETS, REAL ESTATE, INTERNATIONAL FINANCE AND ECONOMICS.

            BANKING AND FINANCE
        U OF OREGON MAIN CAMPUS, OREGON
                                  29    1    48    2    32    1    57    2    37    1      60          7          67       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            CONCENTRATES ON FINANCIAL MANAGEMENT, FINANCIAL INSTITUTIONS, CORPORATE FINANCE, INVESTMENTS, AND
            SECURITY ANALYSIS. RELATED COURSEWORK IS ALSO AVAILABLE IN ECONOMICS.


0504    TOTAL

                                  29    1    48    6    32    7    57    2    37    4      60          7          68



        COUNT

                                   2



0506        BUSINESS ADMINISTRATION
        ARIZONA STATE UNIVERSITY, ARIZONA
                                 122   16   128   17   164   12   213    9   214    6      44         34          78       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            STUDIES IN THE INTERRELATED AREAS OF BUSINESS ADMINISTRATION (ACCOUNTING, ECONOMICS, FINANCE,
            MANAGEMENT, MARKETING, STATISTICS.) WITICULAR STRESS ON THE ATTAINMENT OF A HIGH DEGREE OF
            PROFESSIONAL COMPETENCE IN 3 FIELDS OF SPECIALIZATION. INDIVIDUALS ARE PREPARED FOR FACULTY
            POSITIONS IN UNIVERSITY OR COLLEGIATE SCHOOLS OF BUSINESS, & FOR POSITIONS IN BUSINESS OR
            GOVERNMENT. PREREQS: MASTERS DEGREE OR EQUIVALENT, ACCEPTABLE GMAT SCORES.

            BUSINESS ADMINISTRATION
        CLAREMONT GRADUATE SCHOOL, CALIFORNIA
                                  14    2    30    0    36    2    44    8    70    0      57        196         253       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            DESIGNED FOR STUDENTS INTERESTED IN ACADEMIC OR RESEARCH CAREERS, FOR THOSE INTERESTED IN
            SPECIALIZED CAREERS IN BUSINESS, GOVERNMENT OR NON-PROFIT ORGANIZATIONS, AND FOR MID-CAREER MANAGERS
            INTERESTED IN A BROADER SCOPE OF UNDERSTANDING AND PRACTICE  IN THEIR ORGANIZATIONS.
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HEGIS CATEGORY: 0500 BUSINESS

                                *****  EARNED DEGREES CONFERRED  *****                                   MANDATORY  CEILING
HEGIS  NAME OF PROGRAM/   1973-74   1974-75   1975-76   1976-77   1977-78    GRADUATE ENROLLMENT 1977-78 CEILING ON LEVEL
CODE     INSTITUTION     MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT   FULL-TIME  PART-TIME  TOTAL ENROLLMENT REACHED

0506        BUSINESS ADMINISTRATION
         GOLDEN GATE UNIVERSITY, CALIFORNIA
                         416    0  498    0  629    1  939    1  914    6                                   YES      NO
           BRIEF PROGRAM DESCRIPTION
             PROGRAM LEADS TO A DOCTOR OF BUSINESS ADMINISTRATION DEGREE REQUIRING ATTENDANCE IN, AND COMPLETION
              OF NINE SEMINARS AND A DOCTORAL DISSERTATION.

            BUSINESS ADMINISTRATION
         PACIFIC STATES UNIVERSITY, CALIFORNIA
                           0    0    0    0   19   13    0    0    0    0                                   NO       N/A


            BUSINESS ADMINISTRATION
         STANFORD UNIVERSITY, CALIFORNIA
                         299   20  310   18  313    8  347   11  344   16                          709      NO       N/A
           BRIEF PROGRAM DESCRIPTION
             BUSINESS MANAGEMENT, RESEARCH, AND TEACHING.

            BUSINESS ADMINISTRATION
         U OF CAL BERKELEY, CALIFORNIA
                         207   17  242   11  329   13  273   10    0    0      487         0       487      YES      NO


            ADMINISTRATION
         U OF CAL IRVINE, CALIFORNIA
                          22    3   32    3   48    4   81    4   49    3      180        14       194      NO       N/A
           BRIEF PROGRAM DESCRIPTION
             BUSINESS ADMINISTRATION, PUBLIC ADMINISTRATION, EDUCATIONAL ADMINISTRATION: ORGANIZATIONAL BEHAVIOR,
             QUANTITATIVE METHODS, FINANCE, ECONOMICS, OPERATIONS RESEARCH, ADMISSION REQUIREMENTS: MASTER*S
             DEGREE IN ADMINISTRATION OR CLOSELY RELATED FIELD, EXAMPLES OF PREVIOUS RESEARCH, GMAT.

            MANAGEMENT
         U OF CAL LOS ANGELES, CALIFORNIA
                         269   19  282   28  361   22  417   31  426   17                          949      NO       N/A
           BRIEF PROGRAM DESCRIPTION
             THE PH.D. IN MANAGEMENT IS GRANTED IN RECOGNITION  OF DISTINGUISHED ATTAINMENT IN THE THEORY &
             PRACTICE OF MANAGEMENT & RELATED DISCIPLINES IN BUSINESS FIRMS & OTHER ORGANIZATIONS, & FOR A
             SIGNIFICANTORIGINAL CONTRIBUTION TO AN ASPECT OF THIS FIELD.  THE DOCTORAL PROGRAM IS DESIGNED
             PRIMARILY TO PRODUCE HIGH CALIBER TEACHERS & RESEARCHERS.
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HEGIS CATEGORY: 0500 BUSINESS

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                                 ***** EARNED DEGREES CONFERRED *****                                                      MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0506        BUSINESS ADMINISTRATION
         U OF SOUTHERN CALIFORNIA, CALIFORNIA
                            30    7    25    6     0    0     4    4     6    5                            5       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            DECISION SYSTEMS AND CORPORATE STRATEGY AND INFORMATION SYSTEMS SPECIALIZATIONS: MANAGEMENT
            SCIENCEPROGRAM. INCLUDES MANAGEMENT SYSTEMS FOR DECISIONMAKING AND CONTROL, CORPORATE PLANNING AND
            ENVIRONMENT; MIS AND COMPUTER APPLICATIONS TO BUSINESS SYSTEMS: APPLIED STATISTICAL THEORY,
            DETERMINISTIC BUSINESS MODELS, STATISTICAL DECISION THEORY. PREREQUISITES: GRE APTITUDE; MASTER'S
            DEGREE AND GMAT RECOMMENDED.

            BUSINESS ADMINISTRATION
         UNIVERSITY OF UTAH, UTAH
                           325    4   304    3   353    4   327    3   285    4                          230       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE PH.D. IN BUSINESS ADMINISTRATION IS OFFERED BY  THE GRADUATE SCHOOL OF BUSINESS. ACCOUNTING,
            FINANCE, MANAGEMENT OR MARKETING MAY BE SELECTED AS THE MAJOR FIELD. THERE ARE AREAS OF
            SPECIALIZATION IN EACH OF THOSE MAJOR FIELDS.

            BUSINESS ADMINISTRATION
         UNIVERSITY OF WASHINGTON, WASHINGTON
                           162   14   150   11   164   17   178   14   234   20    466        110       576       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE PH.D. HAS BEEN DESIGNED FOR PERSONS WHO WISH ADVANCED STUDY IN BUSINESS & ADMINISTRATION IN
            ORDER TO PREPARE CAREERS IN TEACHING, BUSINESS OR GOVERNMENT. STUDENTS ENROLLED IN THIS PROGRAM ARE
            EXPECTED TO POSSESS THE PROFESSIONAL ADMINISTRATIVE COMPETENCY WHICH IS THE OBJECTIVE OF THE
            MASTER'S PROGRAM, AND, IN ADDITION, THE STUDENT MUST SHOW EVIDENCE OF COMPETENCY IN THE METHODS &
            TOOLS OF BUSINESS RESEARCH, INCLUDING APPROPRIATE KNOWLEDGE OF  QUANTITATIVE METHODS.

            BUSINESS ADMINISTRATION
         UNIVERSITY OF COLORADO, COLORADO
                           135   16   160   10   184    8   159   15   142   15                          673       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            CURRICULAR EMPHASES OR SUBSPECIALTIES: ACCOUNTING,  ADMINISTRATIVE POLICY, FINANCE, MANAGEMENT
            SCIENCE, MARKETING ORGANIZATION MANAGEMENT. PRIMARY CAREERS: COLLEGE TEACHING.

            BUSINESS ADMINISTRATION
         U OF NM MAIN CAMPUS, NEW MEXICO
                            26    0    52    0    45    0    47    0    59    0                          294       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            INTERDISCLIPINARY CURRICULUM IN INTERNATIONAL MANAGEMENT STRESSING LATIN AMERICA/IBERIA. MOST OF
            DISSERTATION RESEARCH MUST BE CONDUCTED IN RESIDENCEIN A LATIN AMERICAN OR IBERIAN COUNTRY. CAREERS:
            BUSINESS, GOVERNMENT, PRIVATE AND GOVERNMENT FOUNDATIONS, UNIVERSITIES AND COLLEGES, CONSULTING
            FIRMS  AND OTHER INSTITUTIONS WITH INTERNATIONAL EMPHASES.

0506     TOTAL

                          2027  118  2213  107  2645  104  3029  110  2743   92   1234        354      4448
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HEGIS CATEGORY: 0500 BUSINESS

                                 ***** EARNED DEGREES CONFERRED  *****                                 MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

         COUNT

                             13



0507        OPERATIONS RESEARCH
         STANFORD UNIVERSITY, CALIFORNIA
                             58   13    58   11    38    4    52    9    63    7                        129       NO         N/A
           BRIEF PROGRAM DESCRIPTION
             FORMULATION, ANALYSIS, AND USE OF MATHEMATICAL MODELS RELEVANT TO THE UNDERSTANDING AND/OR
             SOLUTIONOF SIGNIFICANT PROBLEMS OF DECISION MAKING.

0507     TOTAL

                             58   13    58   11    38    4    52    9    63    7       0          0      129


         COUNT

                              1



0509        MARKETING AND PURCHASING
         U OF SOUTHERN CALIFORNIA, CALIFORNIA
                              0    0     0    1     0    2     0    0     0    1                          0       NO         N/A
           BRIEF PROGRAM DESCRIPTION
             SPECIALIZATION IN BUSINESS ADMINISTRATION. INCLUDES CONSUMER BEHAVIOR, MARKETING RESEARCH AND
             MANAGEMENT.

            MARKETING AND PURCHASING
         U OF OREGON MAIN CAMPUS, OREGON
                             18    5    21    2     8    5    23    1    19    2      68         10       78       NO         N/A
           BRIEF PROGRAM DESCRIPTION
             COVERS A WIDE RANGE OF ISSUES, INCLUDING MARKETING  THEORY, CONSUMER AND INDUSTRIAL MARKETING,
             MARKETING RESEARCH AND SALES FORECASTING, MANAGEMENT OF  PRODUCT, PRICING, PROMOTION AND
             DISTRIBUTION.

0509     TOTAL
                             18    5    21    3     8    7    23    1    19    3      68         10       78
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HEGIS CATEGORY: 0500 BUSINESS

                                   *****  EARNED DEGREES CONFERRED  *****                                    MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78   CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT  REACHED

         COUNT

                            2




0515        PERSONNEL MANAGEMENT
         U OF OREGON MAIN CAMPUS, OREGON
                           22    3    18    2    25    1    22    3    21    0     59          7        66        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             HUMAN RESOURCES MANAGEMENT EMPHASIZES PERSONNEL MANAGEMENT AND LABOR RELATIONS IN PUBLIC AND PRIVATE
             ORGANIZATIONS, BEHAVIORAL SCIENCE AND LABOR ECONOMICS, COMPENSATION, COLLECTIVE BARGAINING, AND
             CONFLICT AND CHANGE.

0515     TOTAL

                           22    3    18    2    25    1    22    3    21    0     59          7        66


         COUNT

                            1




0517        BUSINESS ECONOMICS
         CLAREMONT GRADUATE SCHOOL, CALIFORNIA
                            8    1     6    2     3    3     1    1     1    2      0          0         0        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             SAME AS BUSINESS ADMINISTRATION BUT A CLOSER INVOLVEMENT WITH THE FIELD OF ECONOMICS.

            BUSINESS ECONOMICS
         U OF SOUTHERN CALIFORNIA, CALIFORNIA
                            0    1     0    2     0    0     0    0     0    1                            6        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             SPECIALIZATION IN BUSINESS ADMINISTRATION, INCLUDES MANAGERIAL ECONOMICS, ECONOMIC FORECASTING,
             ECONOMICS OF LAND USE, MONETARY MARKETS AND INSTITUTIONS, INTERNATIONAL FINANCE AND ECONOMICS.
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HEGIS CATEGORY: 0500 BUSINESS

                              ***** EARNED DEGREES CONFERRED *****                                            MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME   PART-TIME  TOTAL  ENROLLMENT  REACHED

0517          MINERAL ECONOMICS
        COLORADO SCHOOL OF MINES, COLORADO
                              15    0    10    2    16    5    17    3    16    3     63          29        92        YES         YES
          BRIEF PROGRAM DESCRIPTION
            ECONOMICS OF MINERAL & ENERGY DEVELOPMENT IN BOTHTHE SHORT RANGE OPERATING PHASE & THE LONG RANGE
            PLANNING STAGE. RESEARCH INCLUDES MARKET & INVESTMENT ANALYSIS, TRANSPORTATION, INTERNATIONAL
            TRADE,NATIONAL OR REGIONAL DEVELOPMENT, ENERGY/MINERAL SUPPLY & DEMAND, COMPETITION, FINANCE,
            OPERATIONS RESEARCH, PREREQS INCLUDE: MSC IN MINERAL ENG OR MINERAL ECONOMICS OR EQUIVALENT
            EXPERIENCE, STATISTICS, BASIC ECONOMICS, GRE APTITUDE.

              ECONOMICS
        UNIVERSITY OF WYOMING, WYOMING
                               4    0     5    0     3    0     7    2     2    1                           31        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            RESOURCES AND ENVIRONMENTAL ECONOMICS, PUBLIC FINANCE, REGULATORY ECONOMICS AND REGIONAL
            ECONOMICS,INTERNATIONAL ECONOMICS AND HISTORY OF ECONOMICS THOUGHT.  ABILITY TO USE MATH AND
            STATISTICAL TOOLS  OF RESEARCH.

0517    TOTAL

                              27    2    21    6    22    8    25    6    19    7     63          29       129

        COUNT

                               4


CATEGORY TOTAL

                            3065  159  3143  147  3524  154  3980  144  3757  130   1970        1518      7835

        COUNT

                              30
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229

230

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HEGIS CATEGORY: 0600 COMMUNICATIONS

                                ***** EARNED DEGREES CONFERRED *****                                                     MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

0601        COMMUNICATIONS
      STANFORD UNIVERSITY, CALIFORNIA
                           35    5    32    5    46   15    35    8    37    8                          94       NO           N/A
        BRIEF PROGRAM DESCRIPTION
          JOURNALISM, FILM, AND BROADCASTING; COMMUNICATIONMEDIA AND SOCIAL CHANGE; ATTITUDE FORMATION; AND
          CHANGE; COMMUNICATION BEHAVIOR THROUGH THE LIFE CYCLE; COMMUNICATION AND HEALTH; INFORMATION
          SCIENCES; AND PUBLIC AFFAIRS COMMUNICATION.

        COMMUNICATIONS
      U OF SOUTHERN CALIFORNIA, CALIFORNIA
                            0   10     0   10     0    9     2    8     0   14                         114       NO           N/A
        BRIEF PROGRAM DESCRIPTION
          INTERDISCIPLINARY PROGRAM WITH EMPHASIS IN CINEMAOR DRAMA OR SPEECH COMMUNICATION. PREREQUISITES:
          GRE APTITUDE; AT LEAST 4 UNDERGRADUATE COURSES IN AREA OF EMPHASIS.

        COMMUNICATION
      UNIVERSITY OF UTAH, UTAH
                            5    6     4    1     0    3     9    6     0    2                          14       NO           N/A
        BRIEF PROGRAM DESCRIPTION
          INTERPERSONAL AND GROUP COMMUNICATION, INTERPRETATION, JOURNALISM, LANGUAGE BEHAVIOR, MASS
          COMMUNICATION, ORGANIZATIONAL COMMUNICATION, PUBLIC DISCOURSE, RHETORICAL CRITICISM. CANDIDATES MUST
          ACHIEVE  COMPETENCY IN A MINIMUM OF FOUR AREAS OF SPECIALIZATION. STUDIES IN A COGNATE FIELD OUTSIDE
          THE DEPARTMENT IS REQUIRED.

        COMMUNICATIONS
      UNIVERSITY OF WASHINGTON, WASHINGTON
                            5    2     7    1    17    4    14    0    13    2     91         23          74       NO           N/A
        BRIEF PROGRAM DESCRIPTION
          THE PH.D. PROGRAM PROVIDES THREE OPTIONAL SPECIALIZATIONS: COMMUNICATION THEORY & METHODOLOGY,
          COMMUNICATION HISTORY & INTERNATIONAL COMMUNICATION. THESE BUILD ON A GENERAL BASE WHICH THE STUDENT
          IS EXPECTED TO HAVE PRIOR TO MATRICULATION--I.E., AN UNDERGRADUATE DEGREE IN JOURNALISM OR
          COMMUNICATIONS OR ITS EQUIVALENT, IN STUDY AND/OR EMPLOYMENT. APPLICANTS MUST SUBMIT THE RESULTS OF
          THE GRE & THE  MILLER ANALOGIES TEST SCORE.

        COMMUNICATIONS
      UNIVERSITY OF COLORADO, COLORADO
                           22    4    50    5    14   11    13    9    12    6                          72       NO           N/A
        BRIEF PROGRAM DESCRIPTION
          CURRICULAR EMPHASES OR SUBSPECIALTIES: INTERPERSONAL COMMUNICATION, THEORY OF MASS COMMUNICATION,
          COMMUNICATION EDUCATION, ORGANIZATIONAL COMMUNICATION, SOCIAL SCIENCE, RESEARCH, RHETORICAL
          CRITICISM,  CORPORATE COMMUNICATION MANAGEMENT. SPECIAL ADMISSIONS REQUIREMENTS: M.A. DEGREE.
          PRIMARY CAREERS:  ACADEMIC INSTITUTIONS, BUSINESS, SERVICE ORGANIZATIONS, PRIVATE CONSULTING,
          GOVERNMENT, COMMUNICATIONS, INDUSTRY.


0601    TOTAL

                           67   27    93   22    77   42    73   31    62   32     91         23         368
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HEGIS CATEGORY: 0600 COMMUNICATIONS

                                 ***** EARNED DEGREES CONFERRED *****                                           MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

         COUNT

                             5



0606       COMMUNICATION THEORY AND RESEARCH
         U OF SOUTHERN CALIFORNIA, CALIFORNIA
                             0    0     0    0     0    0     5    0     8    1                          16       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             QUANTITATIVE BASED SOCIAL SCIENCE RESEARCH IN MEDIA. PREREQUISITES: GRE APTITUDE; PHYSICAL OR
             BEHAVIORAL SCIENCE DEGREE.

0606     TOTAL

                             0    0     0    0     0    0     5    0     8    1      0          0        16


         COUNT

                             1



CATEGORY TOTAL

                            67   27    93   22    77   42    78   31    70   33     91         23       384


         COUNT

                             6
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HEGIS CATEGORY: 0700 COMPUTER SCIENCES

                                *****  EARNED DEGREES CONFERRED  *****                                    MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT  REACHED

0701        COMPUTER SCIENCES
        UNIVERSITY OF ARIZONA, ARIZONA
                            20    2    32    2    27    0    23    1    25    1     38         25         63       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            REQUIRED: BACKGROUND IN MATHEMATICS AND PROFICIENCY IN HIGH-LEVEL PROGRAMMING LANGUAGE AND IN
            ASSEMBLY-LANGUAGE PROGRAMMING.

            COMPUTER SCIENCES
        STANFORD UNIVERSITY, CALIFORNIA
                            25   16    29   17    25   14    35   16    36    8                                143       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            TO ACQUAINT STUDENTS WITH THE TECHNOLOGICAL AND INTELLECTUAL ROLES OF AUTOMATIC DIGITAL COMPUTERS,
            AND TO EDUCATE RESEARCH WORKERS IN COMPUTER SCIENCE. AREAS OF CONCENTRATION INCLUDE ARTIFICIAL
            INTELLIGENCE,COMBINATORIES, AND ANALYSIS OF ALGORITHMS,DESIGN OF COMPUTER AND PROGRAM SYSTEMS,
            MATHEMATICAL THEORY OF COMPUTATION, AND NUMERICAL ANALYSIS.

            COMPUTER SCIENCES
        U OF CAL BERKELEY, CALIFORNIA
                             3    8     3    4     1    2     6    3     0    0     32          0         32       YES        NO



            COMPUTING SCIENCE
        U OF CAL DAVIS, CALIFORNIA
                             0    0     2    0    13    0     8    0     9    0     35          5         40       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            STUDIES INCLUDE COMPUTER ARCHITECTURE AND HARDWARE. OPERATING SYSTEMS AND INFORMATION SYSTEMS,
            LANGUAGES AND PROGRAMMING, AND FORMAL BASIS FOR COMPUTING SCIENCES. GRADS FIND CAREERS ALMOST
            EXCLUSIVELY  IN PRIVATE INDUSTRY. PREREQ.: MASTER'S DEGREE IN  COMPUTING SCIENCE, TWO LETTERS OF
            RECOMMENDATION,AND GRE SCORES.

            INFORMATION & COMPUTER SCIENCE
        U OF CAL IRVINE, CALIFORNIA
                             6    1     1    2     1    5     3    4     4    1     54         18         72       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            EFFECTIVE AND EFFICIENT COMPUTING PROCEDURES FOR SOLVING PROBLEMS; LANGUAGES APPROPRIATE FOR STATING
            PROCEDURES; HARDWARE AND SOFTWARE SYSTEMS FOR EXECUTING THESE PROCEDURES; SOCIAL AND ECONOMIC
            IMPLICATIONS OF WIDESPREAD USE OF COMPUTERS; COMPLEX INFORMATION PROCESSING AND THE DESIGN OF
            INTELLIGENT  SYSTEMS. ADMISSION REQUIREMENTS: MINIMUM OF TWO YEARS OF COLLEGE LEVEL MATHEMATICS AND
            TWO YEARS OFCOLLEGE LEVEL COMPUTER PROGRAMMING; GRE APTITUDE TEST.

            COMPUTER SCIENCES
        U OF CAL LOS ANGELES, CALIFORNIA
                            32    3    48    6    78   10    58    9    49   11                                243       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            THE PROGRAM INCLUDES FIVE BASIC AREAS: (1)THEORY;(2)METHODOLOGY; (3)SYSTEM ARCHITECTURE;
            (4)PROGRAMMING LANGUAGES AND SYSTERMS; (5)COMPUTER SYSTEM MODELING AND ANALYSIS.
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HEGIS CATEGORY: 0700 COMPUTER SCIENCES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0701	COMPUTER SCIENCES U OF CAL SAN DIEGO, CALIFORNIA	0	0	0	0	8	2	8	0	9	3	34	5	39	NO	N/A

BRIEF PROGRAM DESCRIPTION

CONCERNED WITH FUNDAMENTAL PROPERTIES OF DIGITAL INFORMATION PROCESSING SYSTEMS WITH EMPHASIS ON ALGRITHMS. PREPARATION MAY INCLUDE APPLIED MATHEMATICS, APPLIED PHYSICS, COMPUTER SCIENCE, ELECTRICAL ENGINEERING, ENGINEERING PHYSICS, ENGINEERING SCIENCE, MATHEMATICS, PHYSICS, AND CERTAIN INTERDISCIPLINARY PROGRAMS.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	COMPUTER SCIENCES U OF SOUTHERN CALIFORNIA, CALIFORNIA	37	3	45	3	39	2	51	3	46	4			177	NO	N/A

BRIEF PROGRAM DESCRIPTION

DESIGN, PROGRAMMING AND APPLICATIONS OF DIGITAL COMPUTERS. PREREQUISITES: GRE APTITUDE AND ADVANCEDCOMPUTER SCIENCE OR ENGINEERING OR MATHEMATICS; M.S. IN COMPUTER SCIENCE.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	COMPUTER SCIENCES OREGON STATE UNIVERSITY, OREGON	3	0	2	3	4	0	6	0	8	2	30	11	41	NO	N/A

BRIEF PROGRAM DESCRIPTION

AREAS OF CONCENTRATION WITHIN THE DEPARTMENT: THEORY OF COMPUTATION-ARTIFICIAL INTELLIGENCE-SOFTWARE SYSTEMS-AND INFORMATION-BASES SYSTEMS. OTHER AREAS OF CONCENTRATION MAY BE ARRANGED IN COMPUTER ARCHITECTURE (WITH THE ELECTRICAL AND COMPUTER ENGINEERING DEPARTMENT), NUMERICAL ANALYSIS (WITH THE MATHEMATICS DEPARTMENT) AND/OPERATIONS RESEARCH AND STATISTICS (WITH THE STATISTICS DEPARTMENT).

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	COMPUTER SCIENCES UNIVERSITY OF UTAH, UTAH	6	0	9	4	10	7	11	2	14	5			46	NO	N/A

BRIEF PROGRAM DESCRIPTION

THE GRADUATE PROGRAM OFFERS SEVERAL AREAS OF RESEARCH SPECIALIZATION INCLUDING: ASYNCHRONOUS COMPUTATION, COMPUTER AIDED GEOMETRIC DESIGN, COMPUTER SYSTEMS, DATA BASE MANAGEMENT, MICROPROCESSING, PARALLEL COMPUTATION, PROGRAMMING LANGUAGES, PROGRAM VERIFICATION, SENSORY INFORMATION PROCESSING, SYMBOLIC AND ALGEBRAIC COMPUTATION, THEORY OF COMPUTATION AND SEVERAL APPLICATIONS AREAS.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	COMPUTER SCIENCES UNIVERSITY OF WASHINGTON, WASHINGTON	9	3	12	4	11	2	11	1	17	2	47	39	86	NO	N/A

BRIEF PROGRAM DESCRIPTION

THE INTERDISCIPLINARY NATURE OF THE FIELD IS STRESSED. TOPIC AREAS INCLUDE SUCH OBJECTS AS MATHEMATICAL LINGUISTICS,SYSTEMS PROGRAMMING,SYSTEM DESIGN,LOGICAL DESIGN,NUMERICAL ANALYSIS,AUTOMATA THEORY,ARTIFICIAL INTELLIGENCE,COMPUTER LANGUAGES & SUBJECT SEMINARS. BACKGROUND IN PROCEDURE-ORIENTED LANGUAGE,COMPUTER ORGANIZATION & MATHEMATICS INCLUDING INTEGRAL CALCULUS,DIFFERENTIAL EQUATIONS,MODERN ALGEBRA & MATHEMATICAL LOGIC.

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HEGIS CATEGORY: 0700 COMPUTER SCIENCES

                                 *****  EARNED DEGREES CONFERRED  *****
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  MANDATORY   CEILING
CODE      INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  CEILING ON  LEVEL
                                                                                                                ENROLLMENT  REACHED
0701        COMPUTER SCIENCES
        WASHINGTON ST UNIVERSITY, WASHINGTON
                             15    4    17    0    15    3    21    1    10    1     42          12        54       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           CANDIDATES WILL NORMALLY BE EXPECTED TO COMPLETE 40 TO 50 CREDIT HOURS OF FORMAL COURSES BEYOND THE
           BACCALAUREATE DEGREE. HE MUST PASS A SEQUENCE OF  WRITTEN DEPARTMENTAL QUALIFYING EXAMINATIONS & A
           PRELIMINARY EXAMINATION CONDUCTED ACCORDING TO THE RULES OF THE GRADUATE SCHOOL. A CANDIDATE IS
           EXPECTED TO HAVE COMPLETED WITH A GRADE AVERAGE OF B  OR BETTER THE EQUIVALENT OF THREE SEMESTERS OF
           COLLEGIATE LEVEL STUDY & DEMONSTRATED A READING KNOWLEDGE OF AN APPROVED FOREIGN LANGUAGE.

            COMPUTER SCIENCES
        UNIVERSITY OF COLORADO, COLORADO
                             19    0    26    2     7    0    20    2    20    0                           91       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           CURRICULAR EMPHASES OR SUBSPECIALTIES: PROGRAMMING  LANGUAGES, COMPUTATIONAL COMPLEXITY &
           COMPUTATION  THEORY, SOFTWARE ENGINEERING & NUMERICAL ANALYSIS. PRIMARY CAREERS: RESEARCH AND/OR
           TEACHING IN EITHER AN ACADEMIC ENVIRONMENT, GOVERNMENT, OR INDUSTRIAL ENVIRONMENT.

0701      TOTAL

                            175   40   226   47   239   47   261   42   247   38    312         115      1127


          COUNT

                             13



0702        INFORMATION SCIENCES
        U OF CAL SANTA CRUZ, CALIFORNIA
                              1    0     0    0     0    1     1    0     3    1     17                    17       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           BROAD PROGRAM DEALING WITH THE ISSUES OF REPRESENTATION, TRANSMISSION AND PROCESSING OF INFORMATION
           AND OF FEEDBACK, CONTROL COMMUNICATION AND COMPUTATION, IN BOTH NATURAL AND ARTIFICIAL SYSTEMS.
           EMPHASIS IS GIVEN TO PRACTICAL LABORATORY WORK, PARTICULARLY IN THE AREAS OF IMPLEMENTING
           TRANSLATORS FOR PROGRAMMING LANGUAGES AND THE DESIGN OF COMPUTERS.

0702      TOTAL

                              1    0     0    0     0    1     1    0     3    1     17           0        17
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HEGIS CATEGORY: 0700 COMPUTER SCIENCES

                                ***** EARNED DEGREES CONFERRED *****                                       MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

         COUNT

                             1



0799       MEDICAL INFORMATION SCIENCES
         U CAL SAN FRISCO MEDL CTR, CALIFORNIA
                             3    1     2    0     9    0     3    3     0    0     19                  19       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             GRADUATE STUDIES LEADING TO THE MASTER'S & DOCTORAL DEGREES ARE OFFERED BY THE SECTION ON MEDICAL
             INFORMATION SCIENCE. THE PROGRAM DEALS WITH THE APPLICATION OF INFORMATION TECHNOLOGY & QUANTITATIVE
             METHODS TO THE SUPPORT & IMPROVEMENT OF MEDICAL & HEALTH CARE SYSTEMS.

0799     TOTAL

                             3    1     2    0     9    0     3    3     0    0      19          0        19


         COUNT

                             1



CATEGORY TOTAL

                           179   41   228   47   248   48   265   45   250   39     348        115      1163


         COUNT

                            15
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HEGIS CATEGORY: 0800 EDUCATION

                              ***** EARNED DEGREES CONFERRED *****                                            MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0801       EDUCATION
        CAL STATE U LOS ANGELES, CALIFORNIA
                            398    1   358    0   343    2   315    2   374    2     153        803       956       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE PH.D. IN SPECIAL EDUCATION PROVIDES PREPARATION FOR LEADERSHIP POSITIONS IN HIGHER EDUCATION AND
           THE PUBLIC SCHOOLS, AS WELL AS PREPARATION FOR ACAREER IN SCHOLARLY RESEARCH. THE PROGRAM IS OFFERED
           JOINTLY BY THE UNIVERSITY OF CALIFORNIA, LOS ANGELES AND CALIFORNIA STATE UNIVERSITY, LOS ANGELES
           AND REQUIRES CONCURRENT ADMISSION AND ATTENDANCE  AT BOTH CAMPUSES. PREREQ.: M.A. DEGREE, ACCEPTABLE
           GRE SCORES, 3.3 POST-BACCALAUREATE GPA.

           EDUCATION
        SAN FRANCISCO STATE U, CALIFORNIA
                            496    0   378    3   392    3   409    6   405    5      96        133       229       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE ED.D. AND PH.D. IN EDUCATION WITH EMPHASIS IN  SPECIAL EDUCATION PROVIDES PREPARATION FOR
           PERSONS INTERESTED IN A LEADERSHIP ROLE IN CURRICULUM DEVELOPMENT, ADMINISTRATION AND SUPERVISION,
           TEACHEREDUCATION AND RESEARCH. THE PROGRAM IS OFFERED JOINTLY BY THE UNIVERSITY OF CALIFORNIA,
           BERKELEY ANDSAN FRANCISCO STATE UNIVERSITY AND REQUIRES CONCURRENT ADMISSION AND ATTENDANCE AT BOTH
           CAMPUSES.

           EDUCATION
        CLAREMONT GRADUATE SCHOOL, CALIFORNIA
                             44    0    43   12     1    1     1    1     1    1      20         27        47       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PRIMARY EMPHASIS OF ALL EDUCATION PROGRAMS IS THEDEVELOPMENT OF CREATIVE SCHOLAR-PRACTITIONERS
           THROUGH INDIVIDUALIZED PROGRAMS OF INQUIRY.

           EDUCATION
        STANFORD UNIVERSITY, CALIFORNIA
                            244   53   234   47   211   57   187   48   166   75                           534       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           ADMINISTRATION AND POLICY ANALYSIS, CULTURAL PLURALISM CURRICULUM AND TEACHER EDUCATION (INCLUDING
           SEVERAL SPECIALIZATIONS) EARLY CHILDHOOD EDUCATION,  INTERNATIONAL DEVELOPMENT EDUCATION,
           MATHEMATICAL  METHODS IN EDUCATIONAL RESEARCH, AND SOCIAL FOUNDATIONS OF EDUCATION.

           EDUCATION
        U OF CAL BERKELEY, CALIFORNIA
                             77   61    60   70    42   62    67   67     0    0     379          0       379       YES         NO


           EDUCATION
        U OF CAL LOS ANGELES, CALIFORNIA
                             74   86   103   57   100   67    86   55    85   53                           776       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE PH.D. PROGRAM IS AN ACADEMIC DOCTORAL DEGREE PROGRAM EMPHASIZING BOTH EDUCATION AND A COGNATE
           FIELD IN PREPARING STUDENTS FOR CAREERS IN BASIC RESEARCH AND COLLEGE LEVEL INSTRUCTION. THE ED.D.
           PROGRAM IS A PROFESSIONAL DOCTORAL DEGREE PROGRAM PREPARING STUDENTS FOR CAREERS OF LEADERSHIP &
           APPLIED RESEARCH IN THE SCHOOLS & COMMUNITY EDUCATIONAL  PROGRAMS.
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HEGIS CATEGORY: 0800 EDUCATION

                          ***** EARNED DEGREES CONFERRED *****                                                  MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/   1973-74   1974-75   1975-76   1976-77   1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE    INSTITUTION      MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

0801       EDUCATION
        U OF CAL RIVERSIDE, CALIFORNIA
                           15    1   18    3   15    2   22    4   22    9    102          2        104        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           AREAS OF SPECIALIZATION IN WHICH WORK FOR THE PH.D. MAY BE PURSUED ARE: EDUCATIONAL
           ADMINISTRATION,SPECIAL EDUCATION, CURRICULUM & INSTRUCTION, & EDUCATIONAL PSYCHOLOGY. ADMISSION TO
           THE PH.D. PROGRAM IS BASED ON STRONG ACADEMIC PREPARATION AT THE BACCALAUREATE LEVEL. A MASTER*S
           DEGREE IN EDUCATION, OR A MASTER'S DEGREE IN AN ANCILLARY FIELD. G.R.E. APTITUDE SCORES ARE
           REQUIRED. THE PROGRAM IS DESIGNED TO PREPARE SCHOLARS FOR TEACHING & RESEARCH  IN THE AREA OF
           EDUCATION.

           EDUCATION
        U OF CAL SANTA BARBARA, CALIFORNIA
                           76    4   33   15   54   14   66   12    0    0    220         24        244        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           FIELDS OF STUDY: 1. CONFLUENT EDUCATION, 2. COUNSELING PSYCHOLOGY, 3. EDUCATIONAL ADMINISTRATION, 4.
           EDUCATIONAL PSYCHOLOGY, 5. INTERNATIONAL EDUCATION, 6. LANGUAGE AND READING DEVELOPMENT.

           EDUCATION
        U OF SOUTHERN CALIFORNIA, CALIFORNIA
                          556  203  665  174  601  121  486   78  211   32                           1087        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           SCHOLARSHIP AND RESEARCH IN EDUCATION: INTERRELATIONSHIP OF EDUCATIONAL THEORY AND PRACTICE.
           PREREQUISITES: GRE APTITUDE: MASTER'S DEGREE IN FIELD OUTSIDE EDUCATION: ADMISSIONS EXAM.

           EDUCATION
        UNIVERSITY OF THE PACIFIC, CALIFORNIA
                           47   18   45   15   36   14   58   23   49    9     63        128        191        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           AREAS OF STUDY INCLUDE: SOCIAL FOUNDATIONS, EDUCATIONAL LEADERSHIP, EDUCATIONAL AND COUNSELING
           PSYCHOLOGY, CURRICULUM AND INSTRUCTION, AND MUSIC EDUCATION.

           EDUCATION
        UNIVERSITY OF DENVER, COLORADO
                           37    2    4    2   78    6  100   12   71    6                            601        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           THREE AREAS OF CONCENTRATION ARE OFFERED: CURRICULUM & INSTRUCTION: ADMINISTRATION, SUPERVISION &
           PUBLIC POLICY: & HUMAN SERVICES. EACH CONCENTRATIONINCLUDES SPECIFIC SUB-AREAS OR EMPHASES. H.S.:
           COUNSELING, SCHOOL PSYCH, SPECIAL ED., SUPPORT SERVICES. A, S & PP: ELEM AND SEC. ED. ADM. OR HIGHER
           ED.

           EDUCATION
        UNIVERSITY OF IDAHO, IDAHO
                           79   12   81    8   94   12   92    7   81   13     51         61        112        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           THE DOCTORAL PROGRAMS ARE DESIGNED FOR THOSE PERSONS WHO HAVE EXCEPTIONAL PROMISE IN THEORY
           DEVELOPMENT AND RESEARCH. THE PROGRAMS AIM TO DEVELOP A COMPREHENSIVE UNDERSTANDING OF THE FIELD OF
           EDUCATION AND THE ABILITY TO IDENTIFY AND RESOLVE PERTINENT PROBLEMS IN EDUCATION. THIRTY CREDITS
           ARE REQUIRED IN A MAJOR FIELD OF COMPETENCY. AREAS INCLUDE:  ELEM & SEC. ED., SPEC. ED., COUN. &
           GUIDANCE, ED.ADM.
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HEGIS CATEGORY: 0800 EDUCATION

                               *****  EARNED DEGREES CONFERRED  *****                                        MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0801        EDUCATION
        MONTANA STATE UNIVERSITY, MONTANA
                            31   10    34   11    48    7    37   12    44    5                          86       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            MAJOR AREAS OF EMPHASIS ARE: CURRICULUM AND INSTRUCTION (ELEMENTARY OR GENERAL), SCHOOL
            ADMINISTRATION (ELEMENTARY, SECONDARY OR GENERAL) AND ADULT AND HIGHER EDUCATION (STUDENT PERSONNEL,
            COLLEGE TEACHING, OR COLLEGE ADMINISTRATION).

            EDUCATION
        UNIVERSITY OF MONTANA, MONTANA
                            47   18    60   15    55   12    48    9    45    6     32         28         60       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE PROGRAM IS DESIGNED FOR STUDENTS WHO WISH TO PREPARE FOR TEACHING, ADMINISTRATION, GUIDANCE &
            COUNSELING, OR SUPERVISION POSITIONS IN ELEMENTARY OR SECONDARY EDUCATION; FOR THOSE PREPARING TO
            TEACH IN COLLEGES OR SCHOOLS OF EDUCATION; AND FOR THOSE INTERESTED IN PURSUING RESEARCH IN
            EDUCATION. GRADUATES ARE EMPLOYED IN ALL AREAS OF EDUCATION &  EDUCATION RESEARCH. GRE IS REQUIRED.

            EDUCATION
        OREGON STATE UNIVERSITY, OREGON
                           128   32   124   33    34   11    45   13    22   11     52         34         86       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE GRADUATE PROGRAMS IN EDUCATION PREPARE STUDENTS FOR A WIDE RANGE OF POSITIONS IN RESEARCH,
            INSTRUCTION, AND POLICY-MAKING AT ALL LEVELS OF PUBLIC  EDUCATION. POSITIONS INCLUDE THOSE IN CITY,
            STATE, AND FEDERAL EDUCATION OFFICES; IN EDUCATIONAL RESEARCH AND ANALYSIS PROGRAMS, AND IN PUBLIC
            SCHOOLS, COMMUNITY COLLEGES, AND UNIVERSITIES.

            EDUCATION
        UNIVERSITY OF UTAH, UTAH
                            61    6    76   14    51    3    74    1    63    2                         109       NO          N/A



            EDUCATION
        UNIVERSITY OF WASHINGTON, WASHINGTON
                           264   39   269   38   279   34   269   31   315   44    488        552       1040       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            AREAS: CURRICULUM AND INSTRUCTION, ED. PSYCH., ED.  ADMIN., COUNSELING, ED. FOUNDATIONS: HISTORY,
            PHILOSOPHY AND ORGANIZATION, SPECIAL EDUCATION, LEARNING RESOURCES, EARLY CHILDHOOD.

            EDUCATION
        WASHINGTON ST UNIVERSITY, WASHINGTON
                            30   28    34   26    45   26    71   26    79   29    128        172        300       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE PROGRAM INCLUDES A MAJOR IN ONE AREA OF SPECIALIZATION & A MINOR IN A SECOND AREA. AREAS OF
            SPECIALIZATION ARE: ADMINISTRATION; CURRICULUM & INSTRUCTION; ELEMENTARY EDUCATION; GUIDANCE,
            COUNSELING  & PERSONNEL; MEASUREMENT & EVALUATION; HIGHER EDUCATION & COMMUNITY COLLEGE;
            VOCATIONAL-TECHNICAL EDUCATION. PREREQUISITES: MILLER ANALOGIES TEST, GRADUATE RECORD
            EXAMINATION-APTITUDE TEST (VERBAL &  QUANTITATIVE); ADVANCED EDUCATION TEST.
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HEGIS CATEGORY: 0800 EDUCATION

                              ***** EARNED DEGREES CONFERRED *****                                              MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0801        EDUCATION
       UNIVERSITY OF WYOMING, WYOMING
                              0    6     0    7     2    0     0    0     0    0                            35       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           TWO CORE PROGRAMS RATHER THAN MAJOR AREA OF SPECIALIZATION.  FOUNDATIONS PROGRAM: CURRICULUM,
           INSTRUCTION, PHILOSOPHICAL AND PSYCHOLOGICAL FOUNDATIONS, RESEARCH METHODS, SUPERVISION.  EDUCATION
           DEPARTMENTS: ADULT EDUCATION, CURRICULUM & INSTRUCTION,ED. ADMINISTRATION, ED. FOUNDATIONS, GUIDANCE
           ANDCOUNSELOR EDUCATION, PHYSICAL EDUCATION AND VOCATIONAL EDUCATION.  STUDENT FOLLOWS COURSES FROM
           BOTH  PROGRAMS WHICH ARE MOST APPLICABLE TO MAJOR FIELD.

        EDUCATION
       U OF NM MAIN CAMPUS, NEW MEXICO
                              0   62     0   44     0   32     0   39     0   30                          1289       YES         YES
         BRIEF PROGRAM DESCRIPTION
           FOUNDATIONS OF EDUCATION; EDUCATIONAL ADMINISTRATION; PUPIL PERSONNEL SERVICES (GUIDANCE AND
           COUNSELING, SPECIAL EDUCATION); CURRICULUM AND INSTRUCTION (ELEMENTARY AND SECONDARY TEACHING
           FIELDS, PHYSICAL EDUCATION AND RECREATION). CAREERS: TEACHING,RESEARCH/EVALUATION SPECIALISTS FOR
           SCHOOLS, EDUCATION DEPARTMENTS ADMINISTRATIVE POSITIONS IN EDUCATION, GOVERNMENT AGENCIES, COUNSELOR
           POSITIONS, HOSPITALS OR GOVERNMENTAL AGENCIES. ENROLLMENT CEILINGS HAVE BEEN REACHED IN SOME AREAS.


0801   TOTAL

                           2704  642  2619  594  2481  486  2433  446  2033  332    1784       1964       8265



       COUNT

                             20



0802        ELEMENTARY EDUCATION
       ARIZONA STATE UNIVERSITY, ARIZONA
                            182    6   196    5   198    6   197    9   179    9     91        237        328       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           CONCENTRATED STUDIES IN THE FIELD OF ELEMENTARY EDUCATION. COURSES IN STATISTICS AND RESEARCH
           METHODREQIRED. GRADS ARE PREPARED FOR FACULTY POSITIONSNS IN UNIVERSITY OR COLLEGIATE SCHOOLS OF
           EDUCATIO  FOR ADMINISTRATOR-LEVEL POSITIONS IN SCHOOL DISTRDISTRICTS AND GOVERNMENTAL AGENCIES.
           PREREQS: MASTREE, CAREER EDUCATIONAL EXPERIENCE, GRE OR MAT SCOBLE GRE OR MAT SCORES.

        ELEMENTARY EDUCATION
       UNIVERSITY OF ARIZONA, ARIZONA
                             97    7   109    5    82    3    95    4   101    5     28        114        142       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PROGRAMS ARE INDIVIDUALLY PLANNED WITH EACH STUDENT TO FULFILL INDIVIDUAL ACADEMIC AND PROFESSIONAL
           OBJECTIVES.
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HEGIS CATEGORY: 0800 EDUCATION

                                  ***** EARNED DEGREES CONFERRED  *****                                          MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

0802       ELEM EDUC
        CLAREMONT GRADUATE SCHOOL, CALIFORNIA
                             0    0     0    0    18    0     0    0    27    0    125         63        188        NO          N/A



           ELEMENTARY EDUCATION
        U OF NORTHERN COLORADO, COLORADO
                            44    1    29    5    32    0    29    1    30    3                           82        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE ED.D. IN ELEMENTARY EDUCATION HAS BEEN DEVELOPED FOR SERIOUS SCHOLARS WHOSE PROFESSIONAL GOALS
            MAY INCLUDE TEACHER EDUCATION AT THE UNIVERSITY LEVEL, COORDINATION AND SUPERVISION WITHIN PUBLIC
            SCHOOL SYSTEMS, OR AFFILIATION WITH STATE OR REGIONALEDUCATIONAL AGENCIES.

           ELEMENTARY EDUCATION
        BRIGHAM YOUNG U MAIN CAM, UTAH
                            27    2    21    7    20    6    19   11    18    7                           10        YES         NO
          BRIEF PROGRAM DESCRIPTION
            PURPOSE. STUDENTS DEVELOP COMPETENCY WHEN INVOLVED  IN SITUATIONS REQUIRING APPLICATION. FOCUS OF
            THE  PROGRAM IS TO DEVELOP COMPETENCY THROUGH INSTRUCTION, INTERNSHIPS, & RESEARCH IN CURRICULUM
            DEVELOPMENT. PREREQUISITES. A VALID TEACHING CREDENTIAL;3 YEARS OF SUCCESSFUL EDUCATION EXPERIENCE.
            REQUIREMENTS. 75 SEMESTER HOURS INCLUDING MASTER'S DEGREE; PROFICIENCY IN STATISTICS; A
            DISSERTATION; RESIDENCY OF 2 CONSECUTIVE SEMESTERS ON CAMPUS BEYOND  MASTER'S DEGREE OR MEET
            REQUIREMENTS OF I.D.P.

           ELEMENTARY EDUCATION
        UNIVERSITY OF WYOMING, WYOMING
                             6    0     4    0     8    0     0    0     4    0                           15        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            PREPARATION FOR TEACHING WHERE OVER-ALL DIRECTIONOF INSTRUCTIONAL PROGRAM MIGHT BE REQUIRED.
            ALSOSUITABLE FOR TEACHING IN COLLEGES WHERE TEACHING RESPONSIBILITIES AND/OR ADMINISTRATION ARE
            SIGNIFICANT PART OF PROFESSIONAL LOAD.  OFFERS BROAD COVERAGE OF CURRICULUM AND INSTRUCTION IN
            PUBLIC EDUCATION.  PH.D. EMPHASIS: PREPARATION FOR TEACHING INLARGER SCHOOL DISTRICTS OR EDUCATION
            DIVISIONS OFINSTITUTIONS OF HIGHER LEARNING.  STUDENT SELECTSMAJOR FIELD.

           ELEMENTARY EDUCATION
        UNIVERSITY OF COLORADO, COLORADO
                             0    0     0    0    60    3    42    3    44    3                           71        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            CURRICULAR EMPHASES OR SUBSPECIALTIES: MATHEMATICS, LANGUAGE ARTS OR SOCIAL STUDIES WITHIN THE BROAD
            CONTEXT OF ELEMENTARY EDUCATION. PRIMARY CAREERS:  ELEMENTARY SCHOOL TEACHING, COORDINATOR,
            SUPERVISOR, OR DIRECTOR OF ELEMENTARY EDUCATION; RESEARCH  SPECIALIST IN ELEMENTARY EDUCATION; AND
            COLLEGE OR UNIVERSITY PROFESSOR IN TEACHER EDUCATION PROGRAMS.


0802    TOTAL

                           356   16   359   22   418   18   382   28   403   27    244        414        836
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HEGIS CATEGORY: 0800 EDUCATION

                               *****  EARNED DEGREES CONFERRED  *****                                     MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

         COUNT

                           7




0803        SECONDARY EDUCATION
        ARIZONA STATE UNIVERSITY, ARIZONA
                          160   43   162   40   136   36   180   34   151   27     79         57        136       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            CONCENTRATED STUDIES IN THE FIELD OF SECONDARY EDUCATION. COURSES IN STATISTICS AND RESEARCH
            METHODSREQUIRED. GRADS ARE PREPARED FOR FACULTY POSITIONSS IN UNIVERSITY OR COLLEGIATE SCHOOLS OF
            EDUCATION  FOR ADMINISTRATOR-LEVEL POSITIONS IN SCHOOL DISTRISTRICTS AND GOVERNMENTAL AGENCIES.
            PREREQS: MASTEREF. CAREER EDUCATIONAL EXPERIENCE, GRE OR MAT SCOLE GRE OR MAT SCORES.

            SECONDARY EDUCATION
        UNIVERSITY OF ARIZONA, ARIZONA
                           68    4    79    4   106    3    91    3   ·79    6     32        120        152       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            PROGRAMS ARE INDIVIDUALLY PLANNED TO FULFILL THE PROFESSIONAL OBJECTIVES OF THE STUDENT.

            SEC EDUC
        CLAREMONT GRADUATE SCHOOL, CALIFORNIA
                            0    0     0    0    15    0     0    0    17    0     85         51        136       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            TEACHER EDUCATION PROGRAMS.

            SECONDARY EDUCATION
        IDAHO STATE UNIVERSITY, IDAHO
                           66    0    61    4    55    2    11    5    16    1     28         30         58       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            NOTE: THE PROGRAM LEADS TO THE DOCTOR OF EDUCATION(ED.D.) IN COUNSELING AND GUIDANCE. THE GRADUATES
            ARE PREPARED TO BE COUNSELOR EDUCATORS, COUNSELORS, OR SUPERVISORS IN UNIVERSITY, MENTAL HEALTH, AND
            FAMILY COUNSELING CENTERS. THE GRADUATES ARE PREPARED TO PROVIDE INDIVIDUAL AND GROUP COUNSELING,
            SUPERVISION AND TRAINING OF COUNSELORS, AND TESTING AND RESEARCH/EVALUATION CONSISTENT WITH THE
            REQUIREMENTS OF THEIR WORK SETTING.

            SECONDARY EDUCATION
        U OF NEVADA LAS VEGAS, NEVADA
                            0    0    14    0    28    0    40    1    33    0                               70       YES        NO
          BRIEF PROGRAM DESCRIPTION
            THE ED.D. PROGRAM EMPHASIZES CURRICULUM THEORY, DEVELOPMENT AND EVALUATION, AND INSTRUCTION WITH THE
            POTENTIAL FOR PURSUING WITH INCREASING DEPTH ONE'S OWN FIELD OF SUBJECT MATTER AND ITS APPLICATION
            AT A LIMITED NUMBER OF EDUCATIONAL SETTINGS. THE  PROGRAM PROVIDES CAREER PREPARATION FOR
            PROFESSORSHIPS, DISTRICT LEVEL COORDINATOR FOR SUBJECT MATTER OR FOR GENERAL SECONDARY EDUCATION IN
            SCHOOL DISTRICTS.
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HEGIS CATEGORY: 0800 EDUCATION

0803 SECONDARY EDUCATION
BRIGHAM YOUNG U MAIN CAM, UTAH

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0803	SECONDARY EDUCATION / BRIGHAM YOUNG U MAIN CAM, UTAH	6	6	30	19	13	4	7	12	12	13			18	YES	YES

BRIEF PROGRAM DESCRIPTION

A DOCTOR OF EDUCATION DEGREE(ED.D.)IN THE FIELD OF CURRICULUM AND INSTRUCTION IS OFFERED TO STUDENTS WHO HAVE A MASTER'S DEGREE, A VALID SECONDARY TEACHING CREDENTIAL AND A MINIMUM OF TWO YEARS OF SUCCESSFUL PROFESSIONAL EDUCATION EXPERIENCE. THIS REQUIRES A MINIMUM OF 75 SEMESTER HOURS, INCLUDING A MINIMUM OF 12 SEMESTER HOURS IN THE DEPARTMENT, AND A PROFICIENCY IN STATISTICS. PLUS DISSERTATION CREDIT HOURS, 12 MINIMUM.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	SECONDARY EDUCATION / UNIVERSITY OF WYOMING, WYOMING	2	1	2	1	0	0	0	0	1	0			4	NO	N/A

BRIEF PROGRAM DESCRIPTION

PREPARATION FOR TEACHING WHERE OVER-ALL DIRECTIONOF INSTRUCTIONAL PROGRAM MIGHT BE REQUIRED. ALSOSUITABLE FOR TEACHING IN COLLEGES WHERE TEACHING RESPONSIBILITIES AND/OR ADMINISTRATION ARE SIGNIFICANT PART OF PROFESSIONAL LOAD. OFFERS BROAD COVERAGE OF CURRICULUM AND INSTRUCTION IN PUBLIC EDUCATION. PH.D. EMPHASIS: PREPARATION FOR TEACHING INLARGER SCHOOL DISTRICTS OR EDUCATION DIVISIONS OFINSTITUTIONS OF HIGHER LEARNING. STUDENT SELECTSMAJOR FIELD.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	SECONDARY EDUCATION / UNIVERSITY OF COLORADO, COLORADO	0	0	0	0	39	5	31	4	50	9			143	NO	N/A

BRIEF PROGRAM DESCRIPTION

CURRICULAR EMPHASES OR SUBSPECIALITIES: SCIENCE, MATHEMATICS, SOCIAL SCIENCES, ENGLISH, READING, & GENERAL SECONDARY EDUCATION. PRIMARY CAREERS: EDUCATION & EDUCATION RELATED POSITIONS WITHIN SCHOOLS. SCHOOL SYSTEMS, PRIVATE & PUBLIC AGENCIES, & INSTITUTIONS OF HIGHER EDUCATION.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0803	TOTAL	302	54	348	68	392	50	360	59	359	56	224	258	717		

COUNT

8

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0805	HIGHER EDUCATION / UNIVERSITY OF ARIZONA, ARIZONA	0	0	0	0	0	0	0	1	5	2	18	21	39	NO	N/A

BRIEF PROGRAM DESCRIPTION

REQUIRED: MASTER'S DEGREE OR EQUIVALENT, 3.33 OR BETTER, AND A MINIMUM OF ONE YEAR OF SUCCESSFUL FULL-TIME PROFESSIONAL STAFF OR ADMINISTRATIVE SERVICE IN AN INSTITUTION OR AGENCY OF HIGHER EDUCATION.

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HEGIS CATEGORY: 0800 EDUCATION

                         ***** EARNED DEGREES CONFERRED  *****                                            MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE   INSTITUTION        MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0805       HIGHER EDUCATION
       CLAREMONT GRADUATE SCHOOL, CALIFORNIA
                            0    2     0    8     3    8     0    0     1    0      32         15       47       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PRIMARY EMPHASIS OF ALL EDUCATION PROGRAMS IS THEDEVELOPMENT OF CREATIVE SCHOLAR-PRACTITIONERS
           THROUGH INDIVIDUALIZED PROGRAMS OF INQUIRY.

           HIGHER EDUCATION AND POSTSECONDARY
       U OF SOUTHERN CALIFORNIA, CALIFORNIA
                            0    0     0    0     0   15     1   26    12   23                         112       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           ADULT OR COMMUNITY COLLEGE OR PROFESSIONAL OR TECHNICAL/INDUSTRIAL EDUCATION; CURRICULUM;
           TEACHING;FISCAL AFFAIRS AND GOVERNANCE. PREREQUISITES: GREAPTITUDE; MASTER'S DEGREE; ADMISSIONS
           EXAM.

           HIGHER EDUCATION
       U OF OREGON MAIN CAMPUS, OREGON
                            0    6     0    5     0    3     0    4     0    1       7         12       19       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           EDUCATIONAL ADMINISTRATION, HIGHER EDUCATION, AND  EDUCATIONAL POLICY. GRADUATES PREPARED FOR
           LEADERSHIP ROLES IN ELEMENTARY AND SECONDARY SCHOOLS, EDUCATIONAL AGENCIES AND HIGHER EDUCATION.
           PREREQUISITES FOR ADMISSION INCLUDE: ACCEPTABLE SCORE ON MAT OR GRE, APPROPRIATE EXPERIENCE AND
           REFERENCES, 3.0 GRADUATE GPA.


0805       TOTAL

                            0    8     0   13     3   26     1   31    18   26      57         48      217


       COUNT

                            4



0807       HIGHER AND ADULT EDUCATION
       ARIZONA STATE UNIVERSITY, ARIZONA
                           16   16    10   21    11   24     8   18     8   11      61         33       94       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           CONCENTRATED STUDIES IN THE FIELD OF ADULT & HIGHEULT EDUCATION. COURSES IN STATISTICS AND
           RESEARCHODS REQUIRED. GRADS ARE PREPARED FOR FACULTY POSIT  POSITIONS IN UNIVERSITY OR COLLEGIATE
           SCHOOLS OFION & FOR ADMINISTRATOR-LEVEL POSITIONS IN SCHOOL  SCHOOL DISTRICTS & GOVERNMENTAL
           AGENCIES. PREREQSS DEGREE, CAREER EDUCATIONAL EXPERIENCE. GRE OR MACCEPTABLE GRE OR MAT SCORES.
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HEGIS CATEGORY: 0800 EDUCATION

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0807	TOTAL	16	16	10	21	11	24	8	18	8	11	61	33	94		
	COUNT	1														
0808	SPECIAL EDUCATION UNIVERSITY OF ARIZONA, ARIZONA	72	5	93	6	172	5	111	3	95	7	81	98	179	NO	N/A
	BRIEF PROGRAM DESCRIPTION CONCENTRATIONS AVAILABLE IN BEHAVIORALLY DISORDERED, HEARING IMPAIRED, EARLY CHILDHOOD HANDICAPPED, LEARNING DISABILITIES, MENTAL RETARDATION, MULTIPLE AND SEVERELY HANDICAPPED, VISUALLY HANDICAPPED,OR SPECIAL EDUCATION ADMINISTRATION.															
	SPECIAL EDUCATION U OF CAL BERKELEY, CALIFORNIA	0	0	0	3	0	3	0	6	0	0	5	0	5	YES	NO
	SPECIAL EDUCATION U OF CAL LOS ANGELES, CALIFORNIA	0	1	0	1	0	0	0	3	0	1			4	NO	N/A
	BRIEF PROGRAM DESCRIPTION MAJOR EMPHASIS IS ON CHILDREN WITH LEARNING DISABILITIES. THE MENTALLY RETARDED & THE EMOTIONALLY DISTURBED. EXTENSIVE FACILITIES FOR STUDENTS ARE AVAILABLE ON CAMPUS FOR INTERNSHIP & RESEARCH. THESE INCLUDE THE NEUROPSYCHIATRIC INSTITUTE. THE PRESCHOOL NURSERY SCHOOL FOR HANDICAPPED CHILDREN. THE FERNALD SCHOOL & THE LEARNING DISABILITIES CLINICIN THE DEPARTMENT OF PEDIATRICS.															
	SPECIAL EDUCATION U OF SOUTHERN CALIFORNIA, CALIFORNIA	0	0	0	0	0	2	1	6	20	10			110	NO	N/A
	BRIEF PROGRAM DESCRIPTION BEHAVIOR DISORDERS, LEARNING DISABILITIES, MENTALRETARDATION, EARLY CHILDHOOD; HUMAN DIFFERENCES AND COMMONALITIES IN LEARNING AND COGNITION. BEHAVIORAL AND AFFECTIVE DOMAINS, PSYCHOMOTOR ABILITIES.PREREQUISITES: GRE APTITUDE; MASTER'S DEGREE; ADMISSIONS EXAM.															

HEGIS CATEGORY: 0800 EDUCATION

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0808	SPECIAL EDUCATION U OF NORTHERN COLORADO, COLORADO	80	6	229	9	263	20	316	8	307	15			288	NO	N/A

BRIEF PROGRAM DESCRIPTION

THE ED.D. IN SPECIAL EDUCATION IS A FLEXIBLE DOCTORAL PROGRAM WITH PROVISION FOR MAJOR EMPHASIS IN UNIVERSITY TEACHING OR ADMINISTRATION. BOTH MAJOR EMPHASES ARE INTERNALLY FLEXIBLE AND MAY BE ESTABLISHED SO AS TO FIT A VARIETY OF POINTS OF FOCUS. INADDITION, THE STUDENT WILL SELECT SUBAREAS OF EMPHASIS. INDIVIDUAL STUDENT PROGRAM PLANNING SHOULD BE BASED ON PAST TRAINING AND EXPERIENCE AND FUTUREINTERESTS.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	SPECIAL EDUCATION U OF NEVADA LAS VEGAS, NEVADA	26	0	22	0	18	0	21	0	36	0			132	YES	NO

BRIEF PROGRAM DESCRIPTION

THE ED.D. PROGRAM IS DESIGNED AT THE ADVANCED LEVEL FOR PRACTITIONER-ORIENTED PERSONNEL IN THE AREA OF SPECIAL EDUCATION ADMINISTRATION, DIAGNOSTIC-PRESCRIPTIVE SPECIALIZATION AND/OR UNIVERSITY LEVELTEACHING. THE PROGRAM EMPHASIZES INDIVIDUAL AND SMALL GROUP INSTRUCTION FOR A LIMITED NUMBER OF DOCTORAL STUDENTS. EMPHASIS IS PLACED UPON DEMONSTRATION OF DOCTORAL LEVEL CONTENT THROUGH A GRADED SERIES OF PRACTICA, ADVANCED FIELD EXPERIENCE AND INTERNSHIP ACTIVITIES.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	SPECIAL EDUCATION U OF OREGON MAIN CAMPUS, OREGON	60	12	67	10	52	5	70	9	66	8	75	44	119	NO	N/A

BRIEF PROGRAM DESCRIPTION

RESEARCH AND STUDY INTO THE EDUCATION OF AND PROVISION OF SERVICES TO EXCEPTIONAL PERSONS IN SCHOOL AND COMMUNITY SETTINGS. GRADS ARE PREPARED AS LEADERSHIP PERSONNEL FOR COLLEGE AND UNIVERSITY TEACHING AND RESEARCH, ADMINISTRATION OF STATE AND LOCAL PROGRAMS FOR THE EXCEPTIONAL OR CLINICAL WORK WITH THE HANDICAPPED. PREREQUISITES: MASTER'S DEGREE, ACCEPTABLE GRE OR MILLERS SCORES, APPROPRIATE EXPERIENCE, 3.0 GRADUATE G.P.A.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	SPECIAL EDUCATION UTAH STATE UNIVERSITY, UTAH	22	4	7	2	14	6	13	8	13	6			50	NO	N/A

BRIEF PROGRAM DESCRIPTION

STUDY OF EXCEPTIONALITY IN INDIVIDUALS INCLUDING MENTAL RETARDATION (SEVERELY AND PROFOUNDLY RETARDED THROUGH EDUCABLE), EMOTIONAL DISTURBANCE, LEARNING DISABILITIES AND RELATED PROBLEMS OF THE HANDICAPPED. MAY SELECT SUPPORTING AREA IN INSTRUCTIONALTECHNOLOGY, EVALUATION, PSYCHOLOGY, SOCIOLOGY OR RELATED FIELD. CAREER PREPARATION FOR RESEARCH, EDUCATION OF PERSONNEL TO SERVE THE HANDICAPPED, AND TO FUNCTION AS CHANGE AGENTS.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0808	TOTAL	260	28	418	31	519	41	532	43	537	47	161	142	887		

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HEGIS CATEGORY: 0800 EDUCATION

                                ***** EARNED DEGREES CONFERRED *****                                           MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

         COUNT

                             8



0815        SPEECH & HEARING SCIENCES
         UNIVERSITY OF ARIZONA, ARIZONA
                           14    0    13    0    27    0    21    0    16    1     29          14        43        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             DOCTOR OF PHILOSOPHY DEGREE IS DESIGNED TO PROVIDETHE TOOLS, KNOWLEDGE, AND EXPERIENCE IN RESEARCH
             BUT NOT TO PROVIDE SPECIALIZATION IN CLINICAL PURSUITS.

0815     TOTAL

                           14    0    13    0    27    0    21    0    16    1     29          14        43


         COUNT

                             1



0821        FOUNDATIONS OF EDUCATION
         UNIVERSITY OF ARIZONA, ARIZONA
                            4    0    13    0     9    2     4    2     3    3     11          22        33        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             CONCENTRATIONS ARE AVAILABLE IN HISTORY OF EDUCATION, PHILOSOPHY OF EDUCATION, COMPARATIVE
             EDUCATION, AND SOCIAL FOUNDATIONS OF EDUCATION.

            SOCIAL FOUNDATIONS
         CLAREMONT GRADUATE SCHOOL, CALIFORNIA
                            0    0     0    0     0    3     0    1     0    0     11           9        20        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             PRIMARY EMPHASIS OF ALL EDUCATION PROGRAMS IS THEDEVELOPMENT OF CREATIVE SCHOLAR-PRACTITIONERS
             THROUGH INDIVIDUALIZED PROGRAMS OF INQUIRY.

            SOCIAL AND PHILOSOPHICAL FOUNDATIONS OF EDUCATION
         U OF SOUTHERN CALIFORNIA, CALIFORNIA
                            0    0     0    0     0    0     0    3    20   10                           99        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             HISTORY, PHILOSOPHY, SOCIOLOGY OF EDUCATION: INTERNATIONAL AND INTERCULTURAL EDUCATION.
             PREREQUISITES: GRE APTITUDE: MASTER'S DEGREE: ADMISSIONS EXAM.
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HEGIS CATEGORY: 0800 EDUCATION

                            ***** EARNED DEGREES CONFERRED *****                                              MANDATORY     CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON    LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT    REACHED

0821        EDUCATIONAL FOUNDATIONS
        U OF HAWAII AT MANOA, HAWAII
                            22    0    19    0    18    0    12    0     0    0      5          29        34       NO           N/A
          BRIEF PROGRAM DESCRIPTION
            OFFERED AS A CONCENTRATION IN THE GRADUATE PROGRAM  IN EDUCATION. EDUCATIONAL LEADERSHIP IN ASPECTS
            &  PROBLEMS OF SOCIETY ASSOCIATED WITH THE EVALUATION & FORMULATING EDUCATIONAL POLICY, ESPECIALLY
            WHERE POLICY CONCERNS SOCIAL ROLE OF THE SCHOOL. GRADS ARE PREPARED TO ASSUME LEADERSHIP ROLES IN
            EDUCATION, PARTICULARLY IN PUBLIC SCHOOLS & TEACHER EDUCATION INSTITUTIONS. PREREQS: MILLER*S
            ANALOGIES TEST: 3 LETTERS OF REFERENCE, EVIDENCE OF RESEARCH  & WRITING ABILITY.

            SOCIAL FOUNDATIONS
        U OF OREGON MAIN CAMPUS, OREGON
                             0    0     0    2     0    2     0    0     0    2     11           3        14       NO           N/A
          BRIEF PROGRAM DESCRIPTION
            EDUCATIONAL ADMINISTRATION, HIGHER EDUCATION, AND  EDUCATIONAL POLICY. GRADUATES PREPARED FOR
            LEADERSHIP ROLES IN ELEMENTARY AND SECONDARY SCHOOLS, EDUCATIONAL AGENCIES AND HIGHER EDUCATION.
            PREREQUISITES FOR ADMISSION INCLUDE: ACCEPTABLE SCORE ON MAT OR GRE, APPROPRIATE EXPERIENCE AND
            REFERENCES, 3.0 GRADUATE GPA.

           CULTURAL FOUNDATIONS OF EDUCATION
        UNIVERSITY OF UTAH, UTAH
                             2    4     4    8     4    7     4    8     2    4                           16       NO           N/A
          BRIEF PROGRAM DESCRIPTION
            THE PH.D. IN CULTURAL FOUNDATIONS IS INTERDISCIPLINARY IN NATURE AND INVOLVES THE STUDY OF THE
            HISTORY, PHILOSOPHY, AND SOCIOLOGY OF EDUCATION. STUDY  IN COGNATE DISCIPLINES IS REQUIRED. THE
            FOCUS OF  THE PROGRAM IS THE CRITICAL EXAMINATION OF THE EDUCATIONAL ENTERPRISE AS AN IMPORTANT
            CULTURAL PHENOMENON. INSTRUCTION AND RESEARCH DEALS PRIMARILY WITH THE PURPOSES AND USES OF
            EDUCATION WITHIN THE  CONTEXT OF 19TH AND 20TH CENTURY REFORM MOVEMENTSIN EDUCATION.

           SOCIAL FOUNDATIONS
        UNIVERSITY OF WYOMING, WYOMING
                             1    0     1    1     0    0     0    0     0    0                                    NO           N/A


           SOCIAL FOUNDATIONS
        UNIVERSITY OF COLORADO, COLORADO
                             0    0     0    0     5    1     8    0    16    2                           46       NO           N/A
          BRIEF PROGRAM DESCRIPTION
            CURRICULAR EMPHASES OR SUBSPECIALTIES: FOUNDATIONS  OF EDUCATION: INTERDISCIPLINARY EMPHASES IN
            RELIGIOUS FDNS., COMPARATIVE & INT'L. ED. POLICY STUDIES, ED FUTURES & AREA STUDIES (AFRICAN, ASIAN,
            LATIN AMERICAN OR MIDDLE EASTERN & ALTERNATIVE-EXPERIENTIAL EDUCATION). PRIMARY CAREERS: SCHOOL
            TEACHER:  DECISION MAKER: EDUCATOR IN RELIGIOUS INSTITUTIONS, INTERNATIONAL PROGRAMS, CONFLICT &
            PEACE STUDIES PROGRAMS, ALTERNATIVE SCHOOLS & OTHER EDUCATIONAL STUDIES: TEACHER-EDUCATOR IN HIGHER
            EDUCATION.
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HEGIS CATEGORY: 0800 EDUCATION

                              ***** EARNED DEGREES CONFERRED *****                                                   MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0821     TOTAL

                            29    4    37   11    36   15    28   14    41   21      38         63       262



         COUNT

                             8



0822        EDUCATIONAL PSYCHOLOGY
         ARIZONA STATE UNIVERSITY, ARIZONA
                            12    9    15    7    22    7    20   10    12   10      60         14        74       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             CONCENTRATED STUDIES IN THE FIELD OF EDUCATIONAL PSYCHOLOGY. COURSES IN STATISTICS AND RESEARCH
             METHS REQUIRED. GRADS ARE PREPARED FOR FACULTY POSITIOIONS IN UNIVERSITY OR COLLEGIATE SCHOOLS OF
             EDUCATN & FOR ADMINISTRATOR-LEVEL POSITIONS IN SCHOOL DIL DISTRICTS AND GOVERNMENTAL AGENCIES.
             PREREQS: MADEGREE, CAREER EDUCATIONAL EXPERIENCE, GRE OR MATTABLE GRE OR MAT SCORES.

            EDUCATIONAL PSYCHOLOGY
         NORTHERN ARIZ UNIVERSITY, ARIZONA
                             8    1    35    0    53    0    53    2    79    3      99          0        99       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             MASTERS AND DOCTORAL PROGRAMS EMPHASIZE GUIDANCE AND COUNSELING OR SCHOOL PSYCHOLOGY. PREPARATION
             PRIMARILY FOR ACADEMIC EMPLOYMENT AND CERTIFICATION.  ADEQUATE SCORES ON GRE, SELECTION BY
             DEPARTMENTAL  COMMITTEE.

            EDUCATIONAL PSYCHOLOGY
         UNIVERSITY OF ARIZONA, ARIZONA
                            23    7    22    5    25   10    21    6    13    5      52         56       108       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             CONCENTRATIONS AVAILABLE FOR DOCTORAL DEGREE PROGRAMS IN SCHOOL PSYCHOLOGY, HUMAN LEARNING AND
             DEVELOPMENT, AND IN MEASUREMENT, RESEARCH, AND STATISTICS IN EDUCATION.

            EDUCATIONAL PSYCHOLOGY
         CLAREMONT GRADUATE SCHOOL, CALIFORNIA
                             0    7     0    0     0    1     0    1     0    0       1          5         6       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             PRIMARY EMPHASIS OF ALL EDUCATION PROGRAMS IS THEDEVELOPMENT OF CREATIVE SCHOLAR-PRACTITIONERS
             THROUGH INDIVIDUALIZED PROGRAMS OF INQUIRY.

            EDUCATIONAL PSYCHOLOGY
         U OF SOUTHERN CALIFORNIA, CALIFORNIA
                             0    0     0    0     1    7     1    9    12   22                           92       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             LEARNING AND DEVELOPMENT: PERSONALITY AND SOCIALIZATION: RESEARCH METHODOLOGY. PREREQUISITES: GRE
             APTITUDE: MASTER'S DEGREE: ADMISSIONS EXAM.
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HEGIS CATEGORY: 0800 EDUCATION

                             ***** EARNED DEGREES CONFERRED *****                                               MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

0822        REHABILITATION COUNSELING
        U OF NORTHERN COLORADO, COLORADO
                             0    0    51    3    49    7    43    8    44    4                           81        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE DOCTORAL DEGREE IN REHABILITATION COUNSELING IS DESIGNED TO PREPARE CANDIDATES FOR: COLLEGE
            TEACHING, ADMINISTRATIVE REHABILITATION PROGRAMS, COUNSELING PSYCHOLOGISTS FOR VA PROGRAMS, RESEARCH
            CENTER PERSONNEL, AND POST-EMPLOYMENT CONTINUING EDUCATION PROGRAMS. THE PROGRAM IS TAILORED TO THE
            STUDENT VOCATIONAL GOAL.

           EDUCATIONAL PSYCHOLOGY
        U OF HAWAII AT MANOA, HAWAII
                            63    7    60    3    60    6    51    6    21    3     73         63        136        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            LEARNING MEASUREMENTS, STATISTICS IN THE BEHAVIORAL SCIENCES AND RESEARCH METHODS. GRADUATES ARE
            PREPARED FOR CAREERS IN UNIVERSITY AND COLLEGE TEACHING; AS PROGRAM EVALUATORS IN GOVERNMENT
            SERVICE; AND AS DISTRICT, CITY AND STATE TESTING ADMINISTRATORS. PREREQS: GRE (APTITUDE AND ADVANCED
            PSYCHOLOGY OR EDUCATION); MILLER'S ANALOGIES TEST; THREE LETTERS OF RECOMMENDATION.

           EDUCATIONAL PSYCHOLOGY
        U OF OREGON MAIN CAMPUS, OREGON
                             6   13     7   11     6    5     6   14     6   10     40         12         52        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            WIDE RANGE OF EDUCATIONAL PSYCHOLOGY ISSUES WITH SPECIALIZATION TAILORED BY THE STUDENT TO MEET HIS
            OWN CAREER NEEDS. SUBSPECIALITIES INCLUDE: GENERAL ED PSYCH, SCHOOL PSYCH, HUMAN DEVELOPMENT, AND
            RESEARCH AND MEASUREMENT. BECAUSE OF THE INDIVIDUALIZED NATURE OF THE PROGRAM, STUDENTS CAN PREPARE
            THEMSELVES FOR A VARIETY OF CAREERS RANGING FROM COLLEGE TEACHING AND RESEARCH TO THE ESTABLISHMENT,
            EVALUATION, AND DIRECT PROVISION OF A WIDE RANGE  OF EDUCATION-RELATED PROGRAMS.

           EDUCATIONAL PSYCHOLOGY
        BRIGHAM YOUNG U MAIN CAM, UTAH
                            68   14   103   27    89   34   112   32    97   18                          120        YES         YES
          BRIEF PROGRAM DESCRIPTION
            AN ED.D. IS OFFERED IN THE FIELDS OF COUNSELING &  GUIDANCE, EDUCATIONAL PSYCHOLOGY & SPECIAL
            EDUCATION. A VALID TEACHING CREDENTIAL AND/OR A MINIMUM  OF 3 YEARS' APPROPRIATE PROFESSIONAL
            EXPERIENCE,  AS WELL AS A MASTER'S DEGREE ARE PREREQUISITE. REQUIREMENTS INCLUDE 75 SEMESTER HOURS
            PLUS DISSERTATION CREDIT. A PH.D. IN THE SAME FIELDS IS OFFERED, PROVIDING THE ABOVE PREREQS ARE
            MET. THE PH.D. REQUIRES 24 HOURS BEYOND THE MASTER'S DEGREE PLUS AMINIMUM OF 18 CREDIT HOURS FOR
            DISSERTATION.

           EDUCATIONAL PSYCHOLOGY
        UNIVERSITY OF UTAH, UTAH
                            45   29    33   19    42   17    38   25    42   21                          185        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            COUNSELING PSYCHOLOGY, INSTRUCTIONAL PSYCHOLOGY, SCHOOL PSYCHOLOGY, SCHOOL COUNSELING,
            REHABILITATION AND COMMUNITY SERVICES COUNSELING.
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HEGIS CATEGORY: 0800 EDUCATION

                                   *****  EARNED DEGREES CONFERRED  *****                                          MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/      1973-74     1974-75     1975-76     1976-77     1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT   MAST DOCT   MAST DOCT   MAST DOCT   MAST DOCT   FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0822       EDUCATIONAL PSYCHOLOGY
       UNIVERSITY OF COLORADO, COLORADO
                              0    0      0    0      7    1      7    3      4    6                           52       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           CURRICULAR EMPHASES OR SUBSPECIALTIES: THEORY OF LEARNING & CHILD & ADOLESCENT DEVELOPMENT. SCHOOL
           PSYCHOLOGY PROGRAM IS HOUSED WITHIN EDUCATIONAL PSYCHOLOGY. CONSIDERABLE COURSEWORK IN DEPT OF
           PSYCHOLOGY. SPECIAL RESEARCH, LABORATORY, OR FIELD REQUIREMENTS: INTERNSHIP & PRACTICUM. SPECIAL
           ADMISSIONS REQUIREMENTS: MASTER'S DEGREE IN EDUC. PSYCH. OREQUIVALENT. PRIMARY CAREERS: COLLEGE OR
           UNIVERSITYTEACHING. CERTAIN RESPONSIBILITIES IN BUSINESS & INDUSTRY.


0822       TOTAL

                            225   87    326   75    354   95    352  116    330  102      325        150      1005



           COUNT

                             11




0823       EL ED: EARLY CHILDHOOD
       U OF NORTHERN COLORADO, COLORADO
                              6    0     14    0     18    0     28    0     11    0                           17       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           THE ED.D. IN ELEMENTARY EDUCATION: EARLY CHILDHOODHAS BEEN DESIGNED FOR THOSE WHO WISH TO BECOME
           EXPERTS IN THE FIELD OF EARLY CHILDHOOD EDUCATION, THUS QUALIFYING THEM TO BECOME TEACHERS.
           EDUCATORS,  RESEARCHERS, OR PROGRAM DESIGNERS.

0823       TOTAL

                              6    0     14    0     18    0     28    0     11    0        0          0        17



           COUNT

                              1
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HEGIS CATEGORY: 0800 EDUCATION

                                  ***** EARNED DEGREES CONFERRED *****                                          MANDATORY     CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON    LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT    REACHED

0824         EDUCATIONAL STATISTICS
       U OF NORTHERN COLORADO, COLORADO
                             1    3     0    7     8    4     6    5     8    6                          21       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           TO PREPARE PERSONS FOR PERFORMING OR DIRECTING EDUCATIONAL AND/OR INSTITUTIONAL RESEARCH IN
           COLLEGES, UNIVERSITIES, SCHOOL ADMINISTRATIVE UNITS & EDUCATIONAL & RESEARCH LABORATORIES; & TO
           TEACH APPLIED STATISTICS, MEASUREMENT, EVALUATION, AND/OR RESEARCH COURSES IN COLLEGES &
           UNIVERSITIES. SPECIAL EMPHASIS ON COMPUTER ORIENTATION. RESEARCH METHODOLOGY WILL EMPHASIZE THE
           APPLICATION OF MULTIVARIATETECHNIQUES TO PROBLEMS IN THE BEHAVIORAL SCIENCES.

         RESEARCH AND EVALUATION METHODOLOGY
       UNIVERSITY OF COLORADO, COLORADO
                             0    0     0    0     1    2     0    5     1    3                           8       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           CURRICULAR EMPHASES OR SUBSEPCIALTIES: STATISTICS.  EXPERIMENTAL DESIGN, EVALUATION & MEASUREMENT.
           SPECIAL RESEARCH, LABORATORY, OR FIELD REQUIREMENTS:  CONTINUOUS PRACTICE IN THE LABORATORY OF
           EDUCATIONAL RESEARCH (LER) ON MATTERS OF RESEARCH/EVALUATION DESIGN, STATISTICAL ANALYSIS,
           MEASUREMENT. PRIMARY CAREERS: POSITIONS IN COLLEGES & UNIVERSITIES,  R & D CENTERS, EDUCATIONAL
           LABORATORIES, RESEARCH  & EVAL. DEPTS. OF SCH. DISTS. OR ST. DEPTS. ED.


0824    TOTAL

                             1    3     0    7     9    6     6   10     9    9        0          0        29



        COUNT

                             2



0826         COUNSELOR EDUCATION
       ARIZONA STATE UNIVERSITY, ARIZONA
                           126   13    96   11   112    8   143    9   119   13      214        126       340       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           CONCENTRATED STUDIES IN THE FIELD OF COUNSELOR EDUCATION. COURSES IN STATISTICS AND RESEARCH
           METHODSEQUIRED. GRADS ARE PREPARED FOR FACULTY POSITIONSS IN UNIVERSITY OR COLLEGIATE SCHOOLS OF
           EDUCATION  FOR ADMINISTRATOR-LEVEL POSITIONS IN SCHOOL DISTRISTRICTS AND GOVERNMENTAL AGENCIES.
           PREREQS: MASTEREE, CAREER EDUCATIONAL EXPERIENCE, GRE OR MAT SCOLE GRE OR MAT SCORES.

         COUNSELING AND GUIDANCE
       UNIVERSITY OF ARIZONA, ARIZONA
                            80    8    92    4   107    8   105   10    93    5       77        100       177       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           REQUIRED: MASTER'S DEGREE AND MINIMUM OF ONE YEAR  OF SUCCESSFUL, FULL-TIME, POST-MASTER'S,
           PROFESSIONAL EXPERIENCE IN THE PROPOSED AREA OF CONCENTRATION.
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HEGIS CATEGORY: 0800 EDUCATION

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74		1974-75		1975-76		1976-77		1977-78		GRADUATE ENROLLMENT 1977-78			MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
		MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	FULL-TIME	PART-TIME	TOTAL		
0826	COUNSELING AND GUIDANCE CLAREMONT GRADUATE SCHOOL, CALIFORNIA	0	1	0	1	1	1	0	2	0	2	3	15	18	NO	N/A
	BRIEF PROGRAM DESCRIPTION PRIMARY EMPHASIS OF ALL EDUCATION PROGRAMS IS THEDEVELOPMENT OF CREATIVE SCHOLAR-PRACTITIONERS THROUGH INDIVIDUALIZED PROGRAMS OF INQUIRY.															
	EDUCATION COUNSELING U OF SOUTHERN CALIFORNIA, CALIFORNIA	0	0	0	0	0	4	1	4	47	9			259	NO	N/A
	BRIEF PROGRAM DESCRIPTION COLLEGE STUDENT PERSONNEL WORK; PSYCHOLOGICAL COUNSELING; GUIDANCE COUNSELING. PREREQUISITES: GRE APTITUDE; MASTER'S DEGREE; ADMISSIONS EXAM.															
	PSYCHOLOGY, COUNSELING AND GUIDANCE U OF NORTHERN COLORADO, COLORADO	4	18	194	17	258	24	258	25	237	26			124	NO	N/A
	BRIEF PROGRAM DESCRIPTION THIS DOCTORAL PROGRAM HAS THE FLEXIBILITY TO PERMIT INDIVIDUAL STUDENT FOCUS IN SUCH AREAS AS COUNSELING PSYCHOLOGY, COUNSELOR EDUCATION, EDUCATIONAL PSYCHOLOGY, ADMINISTRATION OF COUNSELING AND GUIDANCE SERVICES, COLLEGE INSTRUCTION, COUNSELING IN COLLEGES AND AGENCIES, AND RESEARCH IN PSYCHOLOGYAND COUNSELING.															
	EDUCATIONAL FOUND. AND COUNSELING U OF NEVADA LAS VEGAS, NEVADA	64	0	48	0	40	0	33	0	41	0			153	YES	NO
	BRIEF PROGRAM DESCRIPTION THE COUNSELING ED.D. DEGREE PROGRAM IS INDIVIDUALIZED AND FIELD-BASED. EMPHASIS IS ON THE FURTHER DEVELOPMENT OF GENERAL COUNSELING COMPETENCIES ALONG WITH THE SPECIALIZED SKILLS AND TECHNIQUES NEEDED BY THE STUDENT IN HIS CURRENT JOB OR FUTURE GOALS. THEORETICAL AND PRACTICAL USE ARE AN INTEGRAL ASPECT OF THE PROGRAM.															
	COUNSELING AND GUIDANCE NM STATE U MAIN CAMPUS, NEW MEXICO	30	1	41	9	22	5	28	1	17	5			105	NO	N/A
	BRIEF PROGRAM DESCRIPTION COUNSELING AND EDUCATIONAL PSYCHOLOGY: HIGHER EDUCATION COUNSELING, HIGHER EDUCATION TEACHING, HIGHER EDUCATION STUDENT PERSONNEL WORK, COMMUNITY PERSONNEL WORK, INDUSTRIAL AND GOVERNMENT AGENCIES PERSONNEL WORK, ELEMENTARY AND SECONDARY SCHOOL COUNSELING, MENTAL HEALTH RESEARCH, CAREER PREPARATION-COUNSELORS, TEACHERS, COLL. FACULTY, ADMINISTRATORS, SCHOOL SVCES, RESEARCHERS.															
	COUNSELING AND GUIDANCE OREGON STATE UNIVERSITY, OREGON	0	0	0	0	34	3	32	4	25	2	38	10	48	NO	N/A
	BRIEF PROGRAM DESCRIPTION THE DOCTORAL DEGREE IS IN EDUCATION WITH A MAJOR IN COUNSELING AND GUIDANCE, THE DOCTORAL CANDIDATE SHOULD HAVE TWO YEARS OF PAID COUNSELING EXPERIENCE, TWO SUPPORTING MINORS ARE REQUIRED, ONE OF WHICH MUST BE OUTSIDE THE SCHOOL OF EDUCATION.															

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HEGIS CATEGORY: 0800 EDUCATION

                          ***** EARNED DEGREES CONFERRED *****                                                 MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0826        COUNSELING
        U OF OREGON MAIN CAMPUS, OREGON
                            88   14    73   21    78   15    76   17    45   12    101         42        143       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            FOUR AREAS: KNOWLEDGEABLE HUMAN BEHAVIOR SPECIALIST, COMPETENT PRACTITIONERS, SKILLFUL PRODUCERS AND
            CONSUMERS OF HUMAN BEHAVIOR RESEARCH, AND ACTIVE  PROFESSIONAL, ETHICAL AGENTS, BECAUSE OF THE
            INDIVIDUALIZED NATURE OF THE PROGRAM, STUDENTS CAN PREPARE THEMSELVES FOR A VARIETY OF CAREERS
            RANGING FROM COLLEGE TEACHING AND RESEARCH, WORKING IN COMMUNITY MENTAL HEALTH AGENCIES, SCHOOL
            DISTRICTS, AND PRIVATE PRACTICE.

            GUIDANCE & COUNSELING
        UNIVERSITY OF WYOMING, WYOMING
                            15   13    18   12    15    3     3    6    16    5                               69       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            COUNSELOR EDUCATION AND SUPERVISION; AND LEADERSHIP AND LONG TERM PROFESSIONAL RESPONSIBILITY IN
            STUDENT PERSONNEL SERVICES.  PREREQS: ONE COURSE IN GUIDANCE, NINE HOURS IN PSYCHOLOGY AND EIGHT IN
            SOCIOECONOMIC FOUNDATIONS.  CAN TAKE ED.D. OR PH.D.

            COUNSELING AND GUIDANCE
        UNIVERSITY OF COLORADO, COLORADO
                             0    0     0    0   121    5   100    7    94    7                              260       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            CURRICULAR EMPHASES OR SUBSPECIALTIES: COUNSELING.  COLLEGE STUDENT PERSONNEL SERVICES. SPECIAL
            RESEARCH, LABORATORY, OR FIELD REQUIREMENTS: INTERNSHIP  & PRACTICUM. PRIMARY CAREERS: PUBLIC SCHOOL
            GUIDANCE COUNSELOR; ALTERNATIVE EDUCATIONAL PROGRAMS, I.E., HEAD START, EMPATHYHOUSE ETC.; STUDENT
            PERSONNEL POSITIONS IN HIGHER EDUCATION.

0826    TOTAL

                           407   68   562   75   788   76   779   85   734   86    433        293       1696


        COUNT

                            11


0827        EDUCATIONAL ADMINISTRATION AND SUPERVISION
        ARIZONA STATE UNIVERSITY, ARIZONA
                            14   23    13   22    22   12    24   18    19   11     47         76        123       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            CONCENTRATED STUDIES IN THE FIELD OF EDUCATIONAL ADMINISTRATION AND SUPERVISION, COURSES IN STATISTI
            & RESEARCH METHODS REQUIRED. GRADS ARE PREPARED FED FOR FACULTY POSITIONS IN UNIVERSITY OR
            COLLEGIACHOOLS OF EDUCATION & FOR ADMINISTRATOR-LEVEL POSIL POSITIONS IN SCHOOL DISTRICTS AND
            GOVERNMENTAL A  PREREQS: MASTERS DEGREE, CAREER EDUCATIONAL EXPERAL EXPERIENCE, ACCEPTABLE GRE OR
            MAT SCORES.
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HEGIS CATEGORY: 0800 EDUCATION

                                ***** EARNED DEGREES CONFERRED *****                                            MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/      1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION        MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

0827        EDUCATIONAL ADMINISTRATION
         NORTHERN ARIZ UNIVERSITY, ARIZONA
                               0    3     3    2     0    2     1    3     0    8     45          0       45       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             MASTERS AND DOCTORAL PROGRAMS IN ELEMENTARY, SECONDARY OR SUPERVISION EMPHASIS, PRINCIPALSHIP,
             GUIDANCE AND COUNSELING, SUPERINTENDENCY AND SUPERVISION, ADEQUATE SCORES ON GRE, SELECTION BY
             DEPARTMENTAL COMMITTEE.

            EDUCATIONAL ADMINISTRATION
         UNIVERSITY OF ARIZONA, ARIZONA
                              24    9    15    7    25    9    37    6    23    6     33        109      142       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             CERTIFICATION PROGRAMS ARE AVAILABLE WHICH LEAD TOPROFESSIONAL CAREERS AS SUPERINTENDENTS OF
             SCHOOLS, PRINCIPALS OF ELEMENTARY AND SECONDARY SCHOOLS,  INSTRUCTIONAL SUPERVISORS, AND SCHOOL
             BUSINESS MANAGERS, PROGRAMS LEADING TO OTHER SPECIALIZED ADMINISTRATIVE POSITIONS MAY BE ARRANGED ON
             AN INDIVIDUAL BASIS.

            EDUCATIONAL ADMINISTRATION
         CLAREMONT GRADUATE SCHOOL, CALIFORNIA
                               0   21     0    4     8   20     3   21     3   16    146         59      205       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             PRIMARY EMPHASIS OF ALL EDUCATION PROGRAMS IS THEDEVELOPMENT OF CREATIVE SCHOLAR-PRACTITIONERS
             THROUGH INDIVIDUALIZED PROGRAMS OF INQUIRY.

            EDUCATIONAL ADMINISTRATION AND SUPERVISION
         U OF SOUTHERN CALIFORNIA, CALIFORNIA
                               0    0     0    0     1   15     2   33    23   36                          180       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             PERSONNEL RELATIONS, FINANCE; INSTRUCTIONAL PROGRAMS; SCHOOL PERSONNEL ADMINISTRATION.
             PREREQUISITES: GRE APTITUDE; MASTER'S DEGREE; ADMISSIONS EXAM.

            EDUCATIONAL ADMINISTRATION
         U OF NORTHERN COLORADO, COLORADO
                              50    9    38   10    46    5    41   16    40   21                           46       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             A MULTI-FACETED PROGRAM WITH FOUR DIRECTIONAL OPTIONS: GENERAL SCHOOL ADMINISTRATION; ELEMENTARY
             SCHOOL ADMINISTRATION; SECONDARY SCHOOL ADMINISTRATION; OR ADMINISTRATION OF HIGHER EDUCATION. EACH
             STUDENT WILL PLAN HIS/HER PROGRAM IN LIGHT OF BACKGROUND AND DESIRED AREA OF CONCENTRATION.

            EDUCATIONAL ADMINISTRATION
         U OF HAWAII AT MANOA, HAWAII
                              14    0    33    0    42    0    22    0     0    0     28         59       87       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             OFFERED AS A CONCENTRATION IN THE GRADUATE PROGRAM  IN EDUCATION, POLICY FORMATION, RESEARCH
             MANAGEMENT, DEVELOPMENT OF ADMINISTRATIVE COMPETENCIES AND  MANAGERIAL OPERATIONS, GRADUATES ARE
             PREPARED FOR  CAREERS IN SCHOOL AND COMMUNITY COLLEGE ADMINISTRATION AND COLLEGE AND UNIVERSITY
             TEACHING. PREREQS: GRE (APTITUDE); MILLER'S ANALOGIES TEST; M.A. IN  EDUCATIONAL ADMINISTRATION OR
             EQUIVALENT; THREE LETTERS OF REFERENCE; EVIDENCE OF EDUCATIONAL EMPLOYMENT.
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HEGIS CATEGORY: 0800 EDUCATION

                          *****  EARNED DEGREES CONFERRED  *****                                       MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

0827        EDUCATIONAL ADMINISTRATION & HIGHER EDUCATION
       U OF NEVADA LAS VEGAS, NEVADA
                            23    0     39    0     37    0     30    1     36    2                        125       YES        NO
         BRIEF PROGRAM DESCRIPTION
           THE ED.D. DEGREE PROGRAM IN EDUCATIONAL ADMINISTRATION & HIGHER EDUCATION AT UNLV IS A
           PRACTICUM-ORIENTED PROGRAM, TAILORED AS MUCH AS POSSIBLE TO THE  STUDENT'S CAREER GOALS. IT IS A
           MINIMUM 60 CREDIT  HOURS BEYOND THE MASTER'S WITH POSSIBLE AREAS OF  EMPHASES BEING SCHOOL LAW,
           SCHOOL FINANCE, SUPERVISION OF PERSONNEL & ADMINISTRATION & ORGANIZATIONOF EDUCATIONAL ENTERPRISES.
           CAREER PREPARATION IS  PRIMARILY FOR ADMINISTRATIVE POSITIONS IN PUBLIC  & PRIVATE SCHOOLS INCLUDING
           THE COMM COLL LEVEL.

        EDUCATIONAL ADMINISTRATION
       NM STATE U MAIN CAMPUS, NEW MEXICO
                            14   11     14    8     22    7     16    3     18    9                        121       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           EDUCATIONAL MANAGEMENT, HIGHER EDUCATION, STATISTICAL RESEARCH AND DESIGN, COMMUNITY EDUCATION,
           PUBLIC SCHOOLS, SPECIAL/RESEARCH/LAB/FIELD REQUIREMENTS-DOCTORAL DISSERTATION, TWO RESEARCH TOOLS:
           (A) ADVANCED STATISTICS (B) COMPUTER LANGUAGE (C) FOREIGN LANGUAGE, CAREER PREPARATION-HIGHER
           EDUCATION ADMINISTRATORS/FACULTY, COMMUNITY EDUCATION LEADERS, PUBLIC SCHOOL ADMINISTRATORS,
           STATISTICAL RESEARCH AND DESIGN SPECIALISTS, EDUCATIONAL MANAGEMENT  SPECIALISTS FOR BUSINESS,
           INDUSTRY, GOVERNMENT.

        COLLEGE STUDENT SVCES. ADM.
       OREGON STATE UNIVERSITY, OREGON
                             0    0      0    0      3    7      7    4     11    2      25         6        31       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           DESIGNED TO PREPARE INDIVIDUALS FOR PROFESSIONAL POSITIONS IN STUDENT SERVICES DEPARTMENTS IN TWO- &
           FOUR-YEAR COLLEGES & UNIVERSITIES. THESE POSITIONS INCLUDE RESIDENCE HALL ADMINISTRATION &
           PROGRAMMING, FINANCIAL AID, COLLEGE UNION ADMINISTRATION &  ACTIVITIES ADVISING, LIVING GROUP
           ADVISING, PHYSICAL RECREATION & GENERAL STUDENT SERVICES ADMINISTRATION. AT THE DOCTORAL LEVEL THE
           PROGRAM PREPARES  EDUCATORS FOR MAJOR LEADERSHIP POSITIONS AS DIRECTORS & DEANS IN STUDENT SERVICES
           ADMINISTRATION.

        EDUCATIONAL ADMINISTRATION
       U OF OREGON MAIN CAMPUS, OREGON
                             0   12      0   10      0    7      0    6      0   13      24        11        35       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           EDUCATIONAL ADMINISTRATION, HIGHER EDUCATION, AND  EDUCATIONAL POLICY. GRADUATES PREPARED FOR
           LEADERSHIP ROLES IN ELEMENTARY AND SECONDARY SCHOOLS, EDUCATIONAL AGENCIES AND HIGHER EDUCATION.
           PREREQUISITES FOR ADMISSION INCLUDE: ACCEPTABLE SCORE ON MAT OR GRE, APPROPRIATE EXPERIENCE AND
           REFERENCES. 3.0 GRADUATE GPA.
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HEGIS CATEGORY: 0800 EDUCATION

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74		1974-75		1975-76		1976-77		1977-78		GRADUATE ENROLLMENT 1977-78			MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED	BRIEF PROGRAM DESCRIPTION
		MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	FULL-TIME	PART-TIME	TOTAL			
0827	EDUCATIONAL ADMINISTRATION BRIGHAM YOUNG U MAIN CAM, UTAH	28	23	61	34	40	50	44	41	72	31			50	YES	YES	A DOCTOR OF EDUCATION(ED.D.)DEGREE IS OFFERED IN FOUR MAJOR AREAS, I.E., ADMINISTRATION IN HIGHER EDUCATION, PUBLIC SCHOOL ADMINISTRATION, COMMUNITY SCHOOL ADMINISTRATION AND EDUCATIONAL ADMINISTRATION. THIS IS A 75 HOUR PROGRAM PLUS A 12 CREDIT HOUR DISSERTATION REQUIREMENT. PREREQUISITE TO THIS DEGREE: A STUDENT MUST HAVE A MINIMUM OF THREE YEARS OF PROFESSIONAL EXPERIENCE IN EDUCATION, HOLD A MASTER'S DEGREE, AND HAVE SOME ADMINISTRATIVE EXPERIENCE.
	EDUCATIONAL ADMINISTRATION UNIVERSITY OF UTAH, UTAH	27	20	24	30	20	21	10	11	6	14			95	NO	N/A	THE ED.D. DEGREE IN EDUCATIONAL ADMINISTRATION IS AVAILABLE IN ANY ONE OF 3 AREAS OF CONCENTRATION OFFERED BY THE DEPARTMENT, INCLUDING: (1)EDUCATIONAL LAW & EMPLOYMENT RELATIONS, (2)EDUCATIONAL PROGRAMS, & (3)ORGANIZATIONAL STUDIES. THE PH.D. DEGREE PROGRAM IS DESIGNED TO PREPARE SCHOLAR-RESEARCHERS WHO WILL BE COMPETENT IN THE FIELD OF THEIR SPECIALIZATION. THE PH.D. DEGREE IS GRANTED IN 4 AREAS: EDUC. LAW & EMPLOYMENT RELATIONS, EDUC. PROGRAMS, OR ORGANIZATIONAL STUDIES & EDUC. FOUNDATIONS.
	EDUCATIONAL ADMINISTRATION UNIVERSITY OF WYOMING, WYOMING	13	10	19	5	17	3	12	8	23	7			36	NO	N/A	PREPARATION FOR SUPERINTENDENTS, PRINCIPALS, SUPERVISORS, AND ADMINISTRATORS IN HIGHER EDUCATION TOPERFORM DUTIES OF A SPECIALIZED NATURE AND TO FUNCTION EFFECTIVELY IN A LEADERSHIP CAPACITY. PREREQS: ADVANCED GRE AND 2 AREAS OF COMPETENCY (TOOLS)ARE REQUIRED. CAN TAKE ED.D. OR PH.D.
	ADMINISTRATION AND SUPERVISION UNIVERSITY OF COLORADO, COLORADO	0	0	0	0	23	17	33	8	33	19			172	NO	N/A	CURRICULAR EMPHASES OR SUBSPECIALTIES: K-12 ADMINISTRATION; CERTIFICATION PROGRAMS FOR ELEMENTARY, JUNIOR & SENIOR HIGH PRINCIPALSHIP; SUPERINTENDENT'S CREDENTIAL. SPECIAL RESEARCH, LABORATORY, OR FIELD REQUIREMENTS: INTERNSHIP. PRIMARY CAREERS: PUBLIC OR PRIVATE ELEMENTARY & SECONDARY SCHOOL POSITIONS.
0827	TOTAL	207	141	259	132	306	175	282	179	307	195	348	320	1493			
	COUNT	15															

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HEGIS CATEGORY: 0800 EDUCATION

                                  ***** EARNED DEGREES CONFERRED *****                                        MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED


0829        CURRICULUM AND INSTRUCTION
         NORTHERN ARIZ UNIVERSITY, ARIZONA
                             1    1     0    2     0    0     0    3     0     4     69          0        69      NO        N/A
           BRIEF PROGRAM DESCRIPTION
             MASTERS AND DOCTORAL DEGREES EMPHASIZE ELEMENTARY.  SECONDARY, OR SPECIAL FIELDS. ADEQUATE GRE
             SCORES  AND DEPARTMENTAL COMMITTEE SELECTION.

            CURRICULUM AND INSTRUCTION
         CLAREMONT GRADUATE SCHOOL, CALIFORNIA
                             0    0     0    0     5    3     3    3     0     3     36         39        75      NO        N/A
           BRIEF PROGRAM DESCRIPTION
             PRIMARY EMPHASIS OF ALL EDUCATION PROGRAMS IS THEDEVELOPMENT OF CREATIVE SCHOLAR-PRACTITIONERS
             THROUGH INDIVIDUALIZED PROGRAMS OF INQUIRY.

            CURRICULUM AND INSTRUCTION
         U OF SOUTHERN CALIFORNIA, CALIFORNIA
                             0    0     0    0     0   12     2   18    34    24                         150      NO        N/A
           BRIEF PROGRAM DESCRIPTION
             CURRICULUM DESIGN DEVELOPMENT, EVALUATION; EARLY CHILDHOOD OR ELEMENTARY OR SECONDARY OR URBAN
             MULTICULTURAL EDUCATION. PREREQUISITES: GRE APTITUDE; MASTER'S DEGREE; ADMISSIONS EXAM.

            CURRICULUM AND INSTRUCTION
         U OF NORTHERN COLORADO, COLORADO
                           103   28   158   21   286   33   232   32   340    34                          87      NO        N/A


            CURRICULUM AND INSTRUCTION
         U OF HAWAII AT MANOA, HAWAII
                           113    0   128    0   108    0   102    1   105     1     70        186       256      NO        N/A
           BRIEF PROGRAM DESCRIPTION
             OFFERED AS A CONCENTRATION IN THE GRADUATE PROGRAM  IN EDUCATION. GRADUATES ARE PREPARED FOR CAREERS
             IN SUPERVISORY & CONSULTATIVE POSITIONS IN EDUCATION & FOR TEACHING IN COLLEGES & UNIVERSITIES.
             PREREQS: GRE (APTITUDE); EVIDENCE OF THREE YEARS OF SUCCESSFUL TEACHING; SUBMISSION OF MATERIAL USED
             INPARTIAL FULFILLMENT OF THE M.A.; THREE LETTERS OF  RECOMMENDATION; INTERVIEW.

            CURRICULUM & INSTRUCTION
         U OF NEVADA LAS VEGAS, NEVADA
                            83    0    45    0    43    0    54    1    36     0                         162      YES       NO
           BRIEF PROGRAM DESCRIPTION
             INVESTIGATION OF THE THEORETICAL AND CONCEPTUAL STRUCTURE OF GENERAL ELEMENTARY SCHOOL CURRICULUM AS
             WELL AS READING AND THE RELATED LANGUAGE ARTS. CAREER PREPARATION FOR PROFESSORSHIPS.
             PRINCIPALSHIPS, AND SCHOOL DISTRICT CURRICULUM AND READING SPECIALISTS. PREREQUISITES: APPROPRIATE
             MASTER'S DEGREE AND EDUCATIONAL EXPERIENCE. POSITIVE EVALUATIONS  FROM SUPERVISORS AND INSTRUCTORS.
             ABILITY TO COMMUNICATE ORALLY AND THROUGH WRITING. ACCEPTABLE GRE  SCORES. AND 3.5 GRADUATE G.P.A.
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HEGIS CATEGORY: 0800 EDUCATION

                            *****  EARNED DEGREES CONFERRED  *****                                                MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

0829         CURRICULUM AND INSTRUCTION
       NM STATE U MAIN CAMPUS, NEW MEXICO
                             3    7     4    4     3    8     8    1    12    2                          205       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           CURRICULUM. INSTRUCTIONAL TECHNIQUES. INSTRUCTIONAL SUPERVISION. METHODOLOGY & EDUC. TECHNIQUES IN
           SUBJECT MATTER DISCIPLINES. VOCATIONAL EDUC., BILINGUAL EDUC., EARLY CHILDHOOD EDUC., READING,
           SPECIAL EDUCATION. CAREERS-CURRICULUM, INSTRUCTIONAL SUPERVISION. METHODOLOGY & EDUCATIONAL
           TECHNIQUES IN  SUBJECT MATTER DISCIPLINES. VOCATIONAL EDUCATION,TEACHERS, RESEARCHERS, SPECIALISTS
           IN THE AREA OF  BILINGUAL EDUC., EARLY CHILDHOOD EDUC., READING,  & SPECIAL EDUC., HIGHER EDUCATION
           FACULTY.

         CURRICULUM AND INSTRUCTION
       U OF OREGON MAIN CAMPUS, OREGON
                           180   26   187   33   170   39   210   24   184   28    145         92       237       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           TEACHER EDUCATION: TEACHING METHODS: CURRICULUM PRACTICE, DEVELOPMENT AND EVALUATION: SCHOOL PROGRAM
           PRACTICE, DEVELOPMENT AND EVALUATION: INNOVATION  AND CHANGE: SOCIAL SCIENCE RESEARCH AS A BASIS FOR
           UNDERSTANDING AND IMPROVING EDUCATION. GRADUATESARE PREPARED FOR POSITIONS AS TEACHER EDUCATORS,
           CURRICULUM DEVELOPERS, PROGRAM EVALUATORS, AND RESEARCHERS.

         CURRICULUM DEVELOPMENT AND SUPERVISION
       UTAH STATE UNIVERSITY, UTAH
                             0   14     0   11     0    6     0   11     0   13                           25       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           DOCTORATE OFFERED IN FOLLOWING AREAS: BUSINESS EDUCATION, ELEMENTARY EDUCATION, INDUSTRIAL-TECHNICAL
           EDUCATION, INSTRUCTIONAL MEDIA, SECONDARY EDUCATION, SPECIAL EDUCATION AND VOCATIONAL EDUCATION.
           CAREER PREPARATION FOR CURRICULUM DEVELOPMENT, SUPERVISORY, CONSULTING, TEACHING, AND/OR RESEARCH
           ACTIVITIES IN INSTRUCTIONAL PROGRAMS FROM PRESCHOOL TO  UNIVERSITY. NOTE: MASTERS NOT OFFERED.

         CURRICULUM AND INSTRUCTION
       UNIVERSITY OF WYOMING, WYOMING
                            13    7    23    5     9    5    21    2    14    2                          125       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PROVIDES SUPERVISION IN CLASSROOM TEACHING, INSTRUCTION, CURRICULUM AND STUDENT TEACHING.
           STUDENTSMUST DEMONSTRATE INTELLECTUAL COMPETENCE AND UNWAVERING COMMITMENT TO DEEP HUMAN
           INVOLVEMENT.  PHILOSOPHY IS SPIRIT OF SCIENCE, SPIRIT OF RATIONAL INQUIRY, DRIVEN BY BELIEF IN ITS
           EFFICACY AND BY RESTLESS CURIOSITY.  CHALLENGES STUDENTS TO QUESTION THEIR CERTAINTIES AND TO BE
           READY FOR AND ACCEPT CHANGES.  MAY TAKE DEGREE WITH EMPHASIS IN PARTICULAR FIELD OF INSTRUCTION.

         CURRICULUM AND INSTRUCTION
       UNIVERSITY OF COLORADO, COLORADO
                             0    0     0    0     6    1     4    9     8    3                           79       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           CURRICULAR EMPHASES OR SUBSPECIALTIES: ELEMENTARY  & SECONDARY SCHOOL CURRICULUM DEVELOPMENT,
           INCLUDING THE BILINGUAL/BICULTURAL THRUST. PRIMARY CAREERS: HELPING TEACHER, GRADE LEVEL CHAIRMAN,
           DEPARTMENT HEAD, COORDINATOR, DIRECTOR OF CURRICULUM, COLLEGE OR UNIVERSITY TEACHER & ASSISTANT
           PRINCIPAL.
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HEGIS CATEGORY: 0800 EDUCATION

                                ***** EARNED DEGREES CONFERRED *****                                        MANDATORY     CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78 CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL ENROLLMENT    REACHED

0829     TOTAL

                           496   83   545   76   630  107   636  105   733  114     320        317      1470


         COUNT

                            11



0830        READING
         UNIVERSITY OF ARIZONA, ARIZONA
                            57    5    58    3    70    2    50    0    61    1     40        130       170       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             CONCENTRATIONS ARE DESIGNED TO PREPARE SPECIAL READING TEACHERS, READING CLINICIANS, READING
             CONSULTANTS, READING SUPERVISORS, COLLEGE TEACHERS, AND RESEARCHERS.

            READING EDUCATION
         U OF NORTHERN COLORADO, COLORADO
                            30    6    42    3    43    3    48    5    31    3                          50       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             THE ED.D. IN READING PROVIDES ADVANCED PROFESSIONAL PREPARATION IN READING AND RESEARCH FOR THE
             PREPARATION OF INSTRUCTORS OF READING FOR INSTITUTIONSOF HIGHER EDUCATION AND THE PREPARATION OF
             PUBLIC  SCHOOL COORDINATORS, CONSULTANTS, AND SUPERVISORS.

            READING EDUCATION
         UNIVERSITY OF COLORADO, COLORADO
                             0    0     0    0    41    5    56    4    45    6                         122       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             CURRICULAR EMPHASES OR SUBSPECIALTIES: CERTIFICATION PROGRAM FOR READING TEACHER & READING
             SPECIALIST. MEETS RECOMMENDED PROGRAM OF THE INTERNATIONALREADING ASSOCIATION. PRIMARY CAREERS: IN
             HIGHER EDUCATION: READING TEACHER, DIRECTOR OF READING PROGRAM, OR RESEARCH SPECIALIST IN READING;
             IN LARGE SCHOOL DISTRICT; DIRECTOR OF READING; IN STATE DEPARTMENT OF EDUCATION OR FEDERAL
             GOVERNMENT EDUCATION: CONSULTANT OR ADMINISTRATOR.

0830     TOTAL

                            87   11   100    6   154   10   154    9   137   10     40        130       342


         COUNT

                             3
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HEGIS CATEGORY: 0800 EDUCATION

                          *****  EARNED DEGREES CONFERRED  *****                                          MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED


0831        ART EDUCATION
       U OF OREGON MAIN CAMPUS, OREGON
                            13    1     8    1    12    5    19    4    32    5      28         13         41       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PH.D. OR D.ED. WITH CAREER PREPARATION FOR LEADERSHIP ROLES IN TEACHER EDUCATION, CITY OR STATE ART
           SUPERVISION, COMMUNITY EDUCATION, ADMINISTRATION  AND RESEARCH. ADMISSION: STRONG BACKGROUND IN ART,
           MASTER'S DEGREE, TEACHING EXPERIENCE, GRADUATE RECORD AND ADVANCED EDUCATION EXAMS. CURRICULUM
           EMPHASIS ON ART EDUCATION; RELEVANT SUPPORTING AREA,  EDUCATION AND RESEARCH.

0831       TOTAL

                            13    1     8    1    12    5    19    4    32    5      28         13         41


           COUNT

                             1




0832        MUSIC EDUCATION
       U OF SOUTHERN CALIFORNIA, CALIFORNIA
                             4    4     3    4     1    1     2    2     3    0                            42       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PROFESSIONAL TEACHING PROGRAM. PREREQUISITES: GREAPTITUDE; MUSIC GRADUATE ENTRANCE EXAMS; PIANO AND
           VOCAL PROFICIENCY; BM AND MM; ONE YEAR'S TEACHING  EXPERIENCE.

            MUSIC EDUCATION
       U OF NORTHERN COLORADO, COLORADO
                             8    0    10    0     7    4    13    0     7    1                             3       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           A PROGRAM DESIGNED TO PREPARE STUDENTS AS COMPREHENSIVELY-ORIENTED EDUCATOR-MUSICIANS, AND TO
           DEVELOP EXPERTISE IN TEACHING, IN CONSULTING, AND IN ADMINISTRATION WITHIN PUBLIC SCHOOLS, COLLEGE
           MUSIC EDUCATION, AND COMMUNITY CULTURAL RESPONSIBILITIES.

            MUSIC EDUCATION
       U OF OREGON MAIN CAMPUS, OREGON
                             0    0     0    0    25    1    19    0    21    0      13          3         16       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THREE SEPARATE DEGREES ARE OFFERED WITH VARYING EMPHASIS; THE PH.D. WITH RESEARCH EMPHASIS,
           PRIMARILY FOR COLLEGE TEACHING AND RESEARCH POSITIONS; THE  ED.D. WITH ADMINISTRATIVE EMPHASIS, FOR
           ADMINISTRATIVE POSITIONS IN PUBLIC SCHOOLS AND COLLEGES AND  FOR TEACHING AT THESE LEVELS; THE
           D.M.A. WITH TEACHING EMPHASIS, FOR NON-ADMINISTRATIVE TEACHING POSITIONS AT ALL LEVELS OF MUSIC.
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HEGIS CATEGORY: 0800 EDUCATION

                            ***** EARNED DEGREES CONFERRED *****                                              MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0832       MUSIC EDUCATION
         UNIVERSITY OF COLORADO, COLORADO
                            6    4      4    0     8    3     3    1    10    0                          17        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             CURRICULAR EMPHASES OR SUBSPECIALTIES: MUSIC EDUCATION. SPECIAL ADMISSIONS REQUIREMENTS: M. MUS.
             ED.OR EQUIVALENT. AND TEACHING CERTIFICATE. PRIMARY CAREERS: TEACHER OF MUSIC EDUCATION AT THE
             COLLEGE  LEVEL; SUPERVISORY OR ADMINISTRATIVE POSITION IN/,OI THE ELEMENTARY/SECONDARY SCHOOLS.

0832     TOTAL

                           18    8     17    4    41    9    37    3    41    1      13          3       78


         COUNT

                            4



0833       MATHEMATICS EDUCATION
         U OF NORTHERN COLORADO, COLORADO
                            0    0      0    5     0    3     0    7     0    0                           8        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             A PROGRAM SUFFICIENTLY FLEXIBLE TO PERMIT A PERSONTO PREPARE FOR ONE OR MORE OF THE FOLLOWING
             POSITIONS: COLLEGE TEACHER OF SOME LOWER DIVISION MATHEMATICS COURSES & OF MATHEMATICS EDUCATION
             COURSES INCLUDING METHODS IN THE TEACHING OF ELEMENTARY & SECONDARY MATHEMATICS. MATHEMATICS
             EDUCATION RESEARCH POSITIONS. MASTER SECONDARY SCHOOL MATHEMATICS  TEACHER. K-12 MATHEMATICS
             CURRICULUM SUPERVISOR &SUPERVISING TEACHER OF MATHEMATICS.

0833     TOTAL

                            0    0      0    5     0    3     0    7     0    0       0          0        8


         COUNT

                            1
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HEGIS CATEGORY: 0800 EDUCATION

                              ***** EARNED DEGREES CONFERRED *****                                        MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0834       SCIENCE EDUCATION
        U OF NORTHERN COLORADO, COLORADO
                            14    3    17   11    12    7    18    7    59   10                            22       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE SCIENCE EDUCATION DEPARTMENT, THROUGH FIVE PROGRAM COMPONENTS, OFFERS A FLEXIBLE CURRICULUM
            FROMWHICH EACH STUDENT IN CONSULTATION WITH THE  FACULTY WILL DESIGN HIS OWN PROGRAM. THE COMPONENTS
            ARE: SCIENCE EDUCATION COURSE WORK, SCIENCE COURSE WORK, PROFESSIONAL EXPERIENCE, RESEARCH AND
            PUBLICATION, AND ANALYSIS AND EVALUATION.

           SCIENCE EDUCATION
        OREGON STATE UNIVERSITY, OREGON
                            30    4    30    0    23    7    17    2    15    2     16          9          25       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE DOCTORATE IS DESIGNED PRIMARILY FOR SPECIALISTS IN SCIENCE AND MATHEMATICS EDUCATION WHO
            ANTICIPATE WORK IN SUCH FIELDS AS SCIENCE AND/OR MATHEMATICS TEACHER EDUCATION, SUPERVISION OF
            INSTRUCTION  IN LARGE SCHOOL DISTRICTS REGIONS, MAJOR CURRICULUM DEVELOPMENT PROJECTS, AND SCIENCE
            OR MATHEMATICS TEACHING IN COMMUNITY COLLEGES OR INSTITUTIONS OF HIGHER EDUCATION.


0834    TOTAL

                            44    7    47   11    35   14    35    9    74   12     16          9          47


        COUNT

                             2




0835       PHYSICAL EDUCATION
        U OF SOUTHERN CALIFORNIA, CALIFORNIA
                             9   19     8   13     8   11     8    7    10    7                            85       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            PHYSICAL EDUCATION FOR HANDICAPPED; ADMINISTRATION; DANCE; EXERCISE PHYSIOLOGY; HISTORY,
            KINESIOLOGY; MOTOR LEARNING; RECREATION; SOCIAL PSYCHOLOGY OF  PHYSICAL ACTIVITY. PREREQUISITES: GRE
            APTITUDE; AM; UNDERGRADUATE MAJOR OR MINOR IN PHYSICAL EDUCATION OR RECREATION.

           PHYSICAL EDUCATION
        U OF NORTHERN COLORADO, COLORADO
                            30   11    36    6    20    5    27    2    29    7                            45       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE PURPOSE OF THE ED.D. IN HEALTH AND PHYSICAL EDUCATION IS TO PREPARE PROFESSIONALS IN HEALTH AND
            PHYSICAL EDUCATION FOR TEACHING AND RESEARCH IN THESE PROFESSIONAL AREAS. TYPICALLY GRADUATES OF
            THIS PROGRAM SECURE POSITIONS IN COLLEGES AND UNIVERSITIES.
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HEGIS CATEGORY: 0800 EDUCATION

                                    ***** EARNED DEGREES CONFERRED *****                                        MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/      1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION        MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

0835       PHYSICAL EDUCATION
        U OF OREGON MAIN CAMPUS, OREGON
                             32   18    28   13    30   16    30   12    43   13     116        22       138       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            ADMINISTRATION OF PE, ANATOMICAL BASES OF PE, BIOMECHANICAL BASES OF MOVEMENT, ELEMENTARY PE, GROWTH
            AND DEVELOPMENT BASES OF PE, MOTOR LEARNING, PE AND THE EXCEPTIONAL STUDENT, PE AND THE SOCIAL
            SCIENCES, PHYSIOLOGICAL BASES OF PE, CAREER OPPORTUNITIES: TEACHER-SPECIALIST RESEARCH,
            ADMINISTRATOR, COORDINATOR AND/OR SUPERVISOR OF A DEPARTMENT.

           PHYSICAL EDUCATION
        BRIGHAM YOUNG U MAIN CAM, UTAH
                             23    2    27    8    22   18    16   12    20    4                          83       YES         NO
          BRIEF PROGRAM DESCRIPTION
            AREAS OF EMPHASIS ARE PROFESSIONAL LEADERSHIP, SCIENTIFIC BASIS, PHYSICAL EDUCATION AT THE
            ELEMENTARY LEVEL, DANCE, EXERCISE PHYSIOLOGY, BIOMECHANICS,  AND CORRECTIVE PHYSICAL EDUCATION AND
            REHABILITATION. THE DEPARTMENT HAS AN EXCELLENT 4,817 SQUARE  FOOT PERFORMANCE LABORATORY FEATURING
            ERGOMETRY,  BIOCHEMISTRY, MOTOR LEARNING, BIO-MECHANICS, AND  A SMALL ANIMAL EXPERIMENTAL SECTION.

           HEALTH; PHYSICAL EDUCATION
        UNIVERSITY OF UTAH, UTAH
                              8   24    12   15    21   10    22   11    15    4                          45       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            ADMINISTRATION AND LEADERSHIP IN HEALTH ED, GENERAL HEALTH ED, PHYS ED, AND LEISURE STUDIES;
            CURRICULUM DEVELOPMENT IN HEALTH ED, PHYS ED AND LEISURE  STUDIES; COMMUNITY HEALTH PROBLEMS;
            NUTRITION SCIENCE; SOCIOLOGY AND PSYCHOLOGY OF SPORTS; EXERCISEPHYSIOLOGY; PHILOSOPHICAL FOUNDATIONS
            IN PHYSICAL  ED; PHYS ED AND REC FOR THE HANDICAPPED; RECREATION PROFESSIONAL EDUCATION; REC MGMT;
            THERAPEUTIC REC; COMMERCIAL REC, CAMPUS REC; AND RECREATION/PARK PLANNING AND RESOURCE MGMT.

           PHYSICAL EDUCATION
        WASHINGTON ST UNIVERSITY, WASHINGTON
                             16    3    22    4    16    2    11    1    19    0      47         9        56       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE PROGRAM IS OFFERED WITH SPECIALIZATIONS IN BIOMECHANICS & EXERCISE PHYSIOLOGY. APPLICANTS MUST
            SATISFACTORILY COMPLETE A DEPARTMENT QUALIFYING EXAMINATION. LANGUAGE REQUIREMENT CONSISTS OF ONE
            OFTHE FOLLOWING OPTIONS: 1) TWO LANGUAGES AT MODERATE LEVEL OF TRANSLATION; 2) ONE LANGUAGE AT HIGH
            LEVEL OF TRANSLATION; 3) ONE LANUGAGE AT A MODERATE  LEVEL OF TRANSLATION & A DATA PROCESSING CORE;
            4)  COMPUTER SCIENCE COMPETENCY. THE APPLICANT MAY BE  REQUIRED TO TAKE MILLER ANALOGIES TEST &
            G.R.E.

0835    TOTAL

                            118   77   131   59   117   62   114   45   136   35     163        31       452
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HEGIS CATEGORY: 0800 EDUCATION

                                ***** EARNED DEGREES CONFERRED *****                                      MANDATORY     CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

         COUNT

                             6



0837       HEALTH EDUCATION
         U OF OREGON MAIN CAMPUS, OREGON
                           10    3    10    5    22    4    16    3    16    3      24          8        32       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             DOCTORAL PROGRAMS IN SCHOOL AND COMMUNITY HEALTH.OPTIONS AVAILABLE IN GERONTOLOGY, TRAFFIC
             SAFETY,ALLIED HEALTH PROFESSIONS, AND HEALTH ADMINISTRATION. NUMEROUS RESEARCH, EVALUATION, AND
             STATISTICS  EQUIPMENT AND FACILITIES AVAILABLE. PREREQUISITES: M.S., ACCEPTABLE MILLERS OR GRE
             SCORES, TWO YEARS TEACHING EXPERIENCE. STATEMENT OF PURPOSE AND RECOMMENDATION LETTERS. EXCELLENT
             EMPLOYMENT OPPORTUNITIES IN UNIVERSITIES, COMMUNITY HEALTH AND HEALTH CARE INSTITUTIONS.

           HEALTH: HEALTH SCIENCE
         UNIVERSITY OF UTAH, UTAH
                           19   15    17   10    10    5     9   11    13    2                                34       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             SEE 0835 HEALTH: PHYSICAL EDUCATION.ENERAL HEALTH EDUCATION AND COMMUNITY HEALTH PROBLEMS.

0837     TOTAL

                           29   18    27   15    32    9    25   14    29    5      24          8        66



         COUNT

                             2



0838       BUSINESS EDUCATION
         U OF NORTHERN COLORADO, COLORADO
                            5    3     5   11     1   10     2    8    42    5                                11       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             A PROGRAM PLANNED TO PREPARE PERSONS FOR TEACHING  IN COLLEGE, SCHOOLS, AND DEPARTMENTS OF
             BUSINESS,OR TO PREPARE PERSONS TO TEACH IN BUSINESS TEACHEREDUCATION DEPARTMENTS IN COLLEGES OR
             UNIVERSITIES.THE PROGRAM PROVIDES A BACKGROUND IN RESEARCH METHODOLOGY, BUSINESS, AND PROFESSIONAL
             EDUCATION COURSES.
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HEGIS CATEGORY: 0800 EDUCATION

                                ***** EARNED DEGREES CONFERRED  *****                                           MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

0838        BUSINESS EDUCATION
       OREGON STATE UNIVERSITY, OREGON
                            28    0    25    0    24    1    19    0    13    0      5          0          5       NO        N/A
         BRIEF PROGRAM DESCRIPTION
           THE BUSINESS AND DISTRIBUTIVE EDUCATION DEPARTMENT  OFFERS GRADUATE PROGRAMS LEADING TO THE MASTER
           OF  EDUCATION AND MASTER OF SCIENCE DEGREES. COURSEWORK IN THIS DEPARTMENT MAY BE USED AS A FIRST OR
           SECOND MINOR ON A DOCTORAL PROGRAM WITHOUT VOCATIONAL EDUCATION. THE PROGRAM IS FLEXIBLE TO MEET THE
           NEEDS OF CANDIDATES. OPTIONS INCLUDE COURSES IN VOCATIONAL EDUCATION, BUSINESS EDUCATION,
           EDUCATION,AND OTHER RELATED AREAS.

            BUSINESS EDUCATION
       BRIGHAM YOUNG U MAIN CAM, UTAH
                             3    0     9    0    58    0    13    0    12    0                             174      YES        NO
         BRIEF PROGRAM DESCRIPTION
           THE DOCTOR OF EDUCATION PROGRAM WAS APPROVED FOR THE DEPARTMENT IN 1973. THE FIRST DEGREE WAS
           AWARDED IN AUGUST 1978. IN 1977 THE PH.D. PROGRAM WAS APPROVED FOR THE DEPARTMENT-NO LONGER WILL
           STUDENTS  WORK TOWARD A DOCTOR OF EDUCATION DEGREE IN THE DEPARTMENT.


0838   TOTAL

                            36    3    39   11    83   11    34    8    67    5      5          0        190



       COUNT

                             3




0839        INDUSTRIAL ARTS ED.
       U OF NORTHERN COLORADO, COLORADO
                            23    7    16    7    17    4    14    3    13    4                              14       NO        N/A
         BRIEF PROGRAM DESCRIPTION
           THE ED.D. IS DESIGNED TO PREPARE PERSONS AS INDUSTRIAL ARTS PROGRAM SPECIALISTS, ADMINISTRATORS,
           ANDPRODUCERS OR DIRECTORS OF RESEARCH IN INDUSTRIAL ARTS EDUCATION. ITS MAIN FUNCTION IS TO PROVIDE
           COMPETENT COLLEGE TEACHERS FOR INDUSTRIAL ARTS. A FIELD OF SPECIALIZATION IN INDUSTRIAL ARTS WILL BE
           DEVELOPED TO MAKE THE CANDIDATE AN EFFECTIVE TEACHERIN THE CLASSROOM AND THE LABORATORY.

            VOC & INDUSTRIAL SCI.
       COLORADO STATE UNIVERSITY, COLORADO
                            85   12    50   12   112   19    77   18    68   21                              51       NO        N/A
         BRIEF PROGRAM DESCRIPTION
           A MASTER OF EDUCATION DEGREE IS OFFERED IN AGRICULTURAL EDUCATION, BUSINESS & OFFICE EDUCATION,
           DISTRIBUTIVE EDUCATION, HOME ECONOMICS EDUCATION, RELATED VOCATIONAL PROGRAMS, TECHNICAL EDUCATION,
           TRADE & INDUSTRIAL EDUCATION. A DOCTOR OF PHILOSOPHY DEGREE IS OFFERED IN VOCATIONAL ADMINISTRATION,
           VOCATIONAL TEACHER EDUCATION, VOCATIONAL CURRICULUM,  POST SECONDARY ADMINISTRATION, AND VOCATIONAL
           ADULT EDUCATION.
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HEGIS CATEGORY: 0800 EDUCATION

                          *****  EARNED DEGREES CONFERRED  *****                                              MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

0839       VOCATIONAL EDUCATION
       OREGON STATE UNIVERSITY, OREGON
                            27    0    25    0    29    7    33    5    15    8     26          15         41        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           PROGRAM MANAGEMENT, PERSONNEL DEVELOPMENT, AND RESEARCH AND DEVELOPMENT IN VOCATIONAL EDUCATION. ALL
           APPLICATIONS MUST HAVE AT LEAST TWO YEARS OF VOCATIONAL TEACHING OR RELATED EXPERIENCES.


0839   TOTAL

                           135   19    91   19   158   30   124   26    96   33     26          15        106


       COUNT

                             3




0841       EDUCATIONAL INSTRUCTIONAL TECHNOLOGY
       U OF SOUTHERN CALIFORNIA, CALIFORNIA
                             0    0     0    0     1    4     0    3    25   14                           93        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           DESIGN, PRODUCTION, ADMINISTRATION AND USE OF INSTRUCTIONAL MEDIA PROGRAMS AND SYSTEMS.
           PREREQUISITES: GRE APTITUDE: MASTER'S DEGREE: ADMISSIONS EXAM.

0841   TOTAL

                             0    0     0    0     1    4     0    3    25   14      0           0         93


       COUNT

                             1




0899       EDUCATIONAL TECHNOLOGY
       ARIZONA STATE UNIVERSITY, ARIZONA
                            17    4    15    4    35    2    22    0    39    3     17          13         30        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           CONCENTRATED STUDIES IN THE FIELD OF EDUCATIONAL TECHNOLOGY. COURSES IN STATISTICS AND RESEARCH
           METHS REQUIRED. GRADS ARE PREPARED FOR FACULTY POSITIOIONS IN UNIVERSITY OR COLLEGIATE SCHOOLS OF
           EDUCATN & FOR ADMINISTRATOR-LEVEL POSITIONS IN SCHOOL DIL DISTRICTS AND GOVERNMENTAL AGENCIES.
           PREREQS: MADEGREE, CAREER EDUCATIONAL EXPERIENCE, GRE OR MATTABLE GRE OR MAT SCORES.
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HEGIS CATEGORY: 0800 EDUCATION

                         ***** EARNED DEGREES CONFERRED *****                                            MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/   1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION     MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

0899        REHABILITATION
       UNIVERSITY OF ARIZONA, ARIZONA
                           75    5    87    0    73    0    55    8    37    5     71          32       103       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           CONCENTRATIONS AVAILABLE IN GENERAL REHABILITATION  COUNSELING, COUNSELING THE DEAF, COUNSELING THE
           SUBSTANCE ABUSER, VOCATIONAL EVALUATION, AND REHABILITATION ADMINISTRATION.

            COLLEGE STUDENT PERSONNEL WORK
       U OF NORTHERN COLORADO, COLORADO
                            4   18     0   12     0   10     0    6     0    9                           15       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           THE PH.D. IS DESIGNED TO PREPARE PERSONS FOR COLLEGE & UNIVERSITY POSITIONS IN ALL AREAS OF COLLEGE
           STUDENT PERSONNEL WORK. THE RATIONALE UNDERLYING  THE PROGRAM MAINTAINS THAT PERSONS IN STUDENT
           PERSONNEL WORK NEED A STRONG BACKGROUND IN LIBERAL ARTS, A BROAD UNDERSTANDING OF EDUCATIONAL
           PSYCHOLOGY, A THOROUGH KNOWLEDGE OF THE FIELD OF STUDENT PERSONNEL ADMIN, ABILITY TO TEACH COLL
           STUDENTS & SKILL IN MEASUREMENT, STATISTICS & RESEARCH. THE DOCT PROG IS DESIGNED TO PREPARE
           GENERALISTS.

            INSTRUCTIONAL SCIENCE
       BRIGHAM YOUNG U MAIN CAM, UTAH
                            0    0     0    0     0    0     0    0    11    8                           36       YES        YES
         BRIEF PROGRAM DESCRIPTION
           DOCTORAL DEGREE PROGRAMS ARE OFFERED IN THE FIELDS  OF INSTRUCTIONAL DESIGN AND PRODUCTION,
           INSTRUCTIONAL SYSTEMS MANAGEMENT, INSTRUCTIONAL EVALUATION.  MAJORS IN THE FIELD OF INSTRUCTIONAL
           SCIENCE MAYEARN PH.D. JOINTLY WITH PSYCHOLOGY. THIS DEGREE IS  DESIGNED FOR THOSE WHO WILL HAVE
           MAJOR ROLES IN INSTRUCTIONAL SYSTEM DESIGN AND EVALUATION.

            LIBRARY MEDIA
       UNIVERSITY OF COLORADO, COLORADO
                            0    0     0    0    31    4    21    2    21    3                          119       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           CURRICULAR EMPHASES OR SUBSPECIALTIES: CERTIFICATION PROGRAM FOR LIBRARY MEDIA SPECIALIST IN SCHOOLS
           FROM ELEMENTARY THROUGH THE UNIVERSITY, WITH EMPHASIS ON SCHOOL RESOURCE CENTERS. SPECIAL
           RESEARCH,LABORATORY, OR FIELD REQUIREMENTS: INTERNSHIP AND  PRACTICUM. PRIMARY CAREERS: TEACHERS &
           ADMINISTRATORS IN SCHOOLS; TEACHERS OR ADMINISTRATORS IN LIBRARY/MEDIA PROGRAMS IN INSTITUTIONS OF
           HIGHER LEARNING, IN BUSINESS OR INDUSTRY; OR RESEARCHERS.

0899   TOTAL

                           96   27   102   16   139   16    98   16   108   28     88          45       303


       COUNT

                            5
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HEGIS CATEGORY: 0800 EDUCATION

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
CATEGORY TOTAL		5599	1321	6072	1272	6764	1292	6488	1278	6284	1175	4427	4270	18757		
	COUNT	139														

HEGIS CATEGORY: 0900 ENGINEERING

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	EARNED DEGREES CONFERRED 1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0901	ENGINEERING SCIENCE CAL INST OF TECHNOLOGY, CALIFORNIA	5	4	3	6	1	4	11	6	11	6	30	1	31	NO	N/A
	ENGINEERING U OF CAL DAVIS, CALIFORNIA	56	28	72	34	70	22	83	27	79	26	325	16	341	NO	N/A

BRIEF PROGRAM DESCRIPTION

AREAS OF AGRICULTURAL, CIVIL, CHEMICAL, ELECTRICAL, MECHANICAL, AERONAUTICAL ENGINEERING AND APPLIED SCIENCE. STUDENTS ARE PERMITTED A WIDE LATITUDE IN SELECTING COURSES AND RESEARCH OR DESIGN SUBJECTS. GRADS ARE PREPARED FOR A WIDE RANGE OF CAREERS INCLUDING TEACHING, RESEARCH, AND ANALYTICAL DESIGN. PREREQ.: REQUIREMENTS ARE VARIED; APPROPRIATE EDUCATIONAL EXPERIENCE. FOREIGN APPLICANTS MUST SUBMIT GRE SCORES.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	ENGINEERING U OF CAL IRVINE, CALIFORNIA	14	5	16	6	16	2	22	4	13	5	52	13	65	NO	N/A

BRIEF PROGRAM DESCRIPTION

ELECTRICAL ENGINEERING AND ENVIRONMENTAL ENGINEERING WITH OPPORTUNITIES FOR STUDY AND RESEARCH IN THE RELATED AREAS OF CIVIL AND MECHANICAL ENGINEERING. ADMISSION REQUIREMENTS: MASTER'S DEGREE IN ENGINEERING OR AN ALLIED FIELD; GRE APTITUDE TEST AND ADVANCED TEST IN ENGINEERING.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	ENGINEERING U OF CAL LOS ANGELES, CALIFORNIA	181	72	181	57	222	54	181	64	165	50			654	NO	N/A
	ENGINEERING U OF SOUTHERN CALIFORNIA, CALIFORNIA	0	5	0	2	0	6	0	4	0	5			96	NO	N/A

BRIEF PROGRAM DESCRIPTION

FORMULATION AND SOLUTION OF ENGINEERING PROBLEMS;PETROLEUM ENGINEERING SPECIALIZATION. PREREQUISITES: GRE APTITUDE AND ADVANCED; M.S. USUALLY.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	ENGINEERING SCIENCES AND TECHNOLOGY BRIGHAM YOUNG U MAIN CAM, UTAH	69	5	86	2	80	5	56	1	58	5			102	YES	NO

BRIEF PROGRAM DESCRIPTION

THE PH.D. PROGRAM IN ENGINEERING IS AN INTERDEPARTMENTAL PROGRAM ADMINISTERED BY AN EXECUTIVE COMMITTEE OF THE ENGINEERING FACULTY. THE COURSE WORK OFFERED IN THIS PROGRAM IS LISTED SEPARATELY UNDER EACH OF THE FOUR PARTICIPATING ENGINEERING DEPARTMENTS(CHEMICAL, CIVIL, ELECTRICAL, AND MECHANICAL). THE FACULTY CONSISTS OF THE GRADUATE FACULTY OF THE FOUR ENGINEERING DEPARTMENTS.

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HEGIS CATEGORY: 0900 ENGINEERING

                                ***** EARNED DEGREES CONFERRED *****                                                MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78   CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

0901         ENGINEERING
         WASHINGTON ST UNIVERSITY, WASHINGTON
                             2    6     2    6     7    3    10    4     8    7     67          7        74        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             COURSE CONTENT MAY BE SELECTED FROM ANY OF THE ENGINEERING SCIENCES, MATHEMATICS, PHYSICS, CHEMISTRY
             & OTHER APPROPRIATE FIELDS. RESEARCH PROJECTS MAY  BE UNDERTAKEN IN COMBUSTION, HYDRAULICS,
             HYDROLOGY, FLUID MECHANICS OF SOLIDS, HEAT TRANSFER, THERMO DYNAMICS, MATERIALS SCIENCE, METALLURGY,
             ELECTRICAL SCIENCE & ANY OF THE MULTITUDE OF SPECIALIZED  FIELDS WITHIN THE ENGINEERING SCIENCES OR
             IN INTERDISCIPLINARY AREAS INVOLVING ENGINEERING SCIENCE.

             ENGINEERING
         U OF NM MAIN CAMPUS, NEW MEXICO
                            57   12    65   17    69    9    57   12    57    7                           324        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             CHEMICAL ENGINEERING, CIVIL ENGINEERING, COMPUTERSCIENCE (ENGR.), ELECTRICAL ENGINEERING, NUCLEAR
             ENGINEERING, MECHANICAL ENGINEERING. RESEARCH DISSERTATION REQUIRED. TEACHING EXPERIENCE REQUIRED
             INSOME PROGRAMS. ONE YEAR ON-CAMPUS RESIDENCE REQUIRED IN SOME PROGRAMS. ADMISSION REQUIREMENTS:
             B.S.IN ENGINEERING OR SCIENCE: PH.D. QUALIFYING EXAM REQUIRED IN ALL PROGRAMS. CAREERS: ACADEMIC
             AND/ORINDUSTRIAL RESEARCH AND DEVELOPMENT.


0901     TOTAL

                           383  137   425  130   465  105   420  122   391  111    474         37      1687


         COUNT

                             8



0902         AEROSPACE ENGINEERING
         UNIVERSITY OF ARIZONA, ARIZONA
                             8    3     6    0     3    1     1    0     2    0      6          4        10        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             STUDENTS MAY SELECT ONE OF THE FOLLOWING INTERDISCIPLINARY OPTIONS: BIOMEDICAL ENGINEERING, ENERGY
             SYSTEMS ENGINEERING, MATERIALS ENGINEERING, OR RELIABILITY ENGINEERING. (SEE DESCRIPTION UNDER
             MECHANICAL ENGINEERING.)
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HEGIS CATEGORY: 0900 ENGINEERING

                              ***** EARNED DEGREES CONFERRED *****                                              MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0902        AERONAUTICS
       CAL INST OF TECHNOLOGY, CALIFORNIA
                             13   3     13   5     8    4     18   6     12   3     40         0         40        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE INSTITUTE OFFERS GRADUATE PROGRAMS IN AERONAUTICS LEADING TO THE DEGREES OF MASTER OF SCIENCE,
           AERONAUTICAL ENGINEER, OR DOCTOR OF PHILOSOPHY. THE  PROGRAMS ARE DESIGNED TO PROVIDE INTENSE
           TRAINING  IN THE FOUNDATIONS OF THE AERONAUTICAL SCIENCES WITH EMPHASIS ON RESEARCH AND THE
           EXPERIMENTAL METHOD. MAJOR AREAS ARE: PHYSICS OF FLUIDS, TECHNICALFLUID MECHANICS, STRUCTURAL
           MECHANICS, MECHANICS OF FRACTURE, AERONAUTICAL ENGINEERING AND PROPULSION, AERO ACOUSTICS.

          AERONAUTICAL ENGINEERING
       STANFORD UNIVERSITY, CALIFORNIA
                             25  15     12  16     29  10     30   8     32  13                          101        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           STUDY OF STRUCTURAL, AERODYNAMIC, GUIDANCE AND CONTROL, AND PROPULSION PROBLEMS RELATED TO AIRCRAFT,
           MISSILES, AND SPACECRAFT.

          AERONAUTICAL ENGINEERING
       U OF CAL SAN DIEGO, CALIFORNIA
                              0   0      0   0      4   1      5   0      1   0     10         6         16        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE DEGREE PREPARES STUDENTS FOR CAREERS IN TEACHING AND RESEARCH. WORK INCLUDES PROPULSION
           SYSTEM,THERMODYNAMICS, AND INTERDISCIPLINARY RELATIONSHIPS WITH CHEMISTRY, MATHEMATICS, AND PHYSICS.
           THE GRADUATE RECORD EXAMINATION IS RECOMMENDED. A 3.0 UNDERGRADUATE GPA AND LETTERS OF
           RECOMMENDATION ARE  REQUIRED.

          AEROSPACE ENGR.
       U OF SOUTHERN CALIFORNIA, CALIFORNIA
                              5   2      8   3     10   8     11   2      7   3                           45        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           AERODYNAMICS, FLIGHT VEHICLE STRUCTURE: TURBULENCE, CONTROL THEORY, DYNAMICS, PREREQUISITES: GRE
           APTITUDE AND ADVANCED: M.S. USUALLY.

          AERONAUTICS AND ASTRONAUTICS
       UNIVERSITY OF WASHINGTON, WASHINGTON
                             27   5     17   3     16   3     15   1     11   2     33        32         65        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE PROGRAM, IN ADDITION TO REQUIRING COURSE WORK  BEYOND THE M.S. LEVEL, ALSO INCLUDES A MORE
           ACTUAL PARTICIPATION BY THE STUDENT IN SEMINARS AND LECTURES OF THE DEPARTMENT. THE RESEARCH AND
           INDEPENDENT STUDY NECESSARY IN THE PREPARATION OF A DISSERTATION REQUIRES THAT THIS PROGRAM TAKE A
           MINIMUM OF THREE ACADEMIC YEARS OF GRADUATE STUDY BEYOND THE BACHELORS DEGREE.
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                                        WICHE DOCTORAL PROGRAM INVENTORY
                                                    MAY 1979

HEGIS CATEGORY: 0900 ENGINEERING

                              *****  EARNED DEGREES CONFERRED  *****                                       MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

0902       AEROSPACE ENGR. SCIENCES
       UNIVERSITY OF COLORADO, COLORADO
                             8    6     7    4    29    2     9    4     0    2                           16        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           CURRICULAR EMPHASES OR SUBSPECIALTIES: PHYSICS OF  FLUIDS; PROPULSION & ENERGY CONVERSION; FLIGHT
           DYNAMICS, CONTROL & GUIDANCE; SPACE SYSTEMS ANALYSIS; MATERIALS & STRUCTURAL MECHANICS; SPACE
           ENVIRONMENT; AND BIOENGINEERING. SPECIAL ADMISSIONS REQUIREMENTS: M.S. DEGREE IN AEROSPACE OR
           MECHANICAL ENGINEERING. PRIMARY CAREERS: AEROSPACE ENGINEER; SCHOLAR AND/OR TEACHER IN
           AEROSPACE-RELATED FIELDS ASLISTED IN THE SUBSPECIALITIES ABOVE.


0902   TOTAL

                            86   34    63   31    99   29    89   21    65   23     89         42         293


       COUNT

                             7



0903        AGRICULTURAL ENG
       COLORADO STATE UNIVERSITY, COLORADO
                            10    2     9    3     6    3    11    5    12    5                           43        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           AREAS OF SPECIALIZATION: SOIL & WATER ENGINEERING;  POWER & MACHINERY; ENVIRONMENTAL ENGINEERING;
           FOOD & BIOCHEMICAL ENGINEERING; & LAND USE, ENVIRONMENTAL & WATER LAW. GRADUATES FIND EMPLOYMENT IN
           RESEARCH, TEACHING, INDUSTRY, GOVERNMENTAL AGENCIES &  PRIVATE PRACTICE.

            AGRICULTURAL ENG
       UNIVERSITY OF IDAHO, IDAHO
                             4    1     5    0     1    0     1    0     4    1      9          5          14        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           GRADUATE STUDY IS OFFERED WITH SPECIALIZATION IN IRRIGATION AND DRAINAGE. HYDROLOGY AND WATER
           RESOURCES, HANDLING AND PROCESSING OF AGRICULTURAL MATERIALS AND ENVIRONMENTAL SYSTEMS AND WASTE
           MANAGEMENT. SPECIALIZATION IS OFFERED IN THE SOIL AND WATER  AND POWER AND MACHINERY AREAS OF
           AGRICULTURAL ENGINEERING.
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HEGIS CATEGORY: 0900 ENGINEERING

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0903	AGRICULTURAL AND IRRIGATION ENGINEERING UTAH STATE UNIVERSITY, UTAH	9	1	6	2	6	4	8	2	11	3			41	NO	N/A

BRIEF PROGRAM DESCRIPTION

STUDIES FOCUSED ON THE MANAGEMENT OF WATER FOR AGRICULTURAL PRODUCTION INCLUDING DESIGN CONSTRUCTION, AND MANAGEMENT OF IRRIGATION SYSTEMS: WATER REQUIREMENTS OF CROPS AND EFFICIENCIES RELATED TO DIFFERENT APPLICATION METHODS: POLLUTION AND WATER QUALITY PROBLEMS RELATED TO USE OF WATER FOR AGRICULTURE: AND THE INTERACTIONS OF IRRIGATION WITH OTHER USES OF WATER AND OTHER RESOURCES TO PROVIDE AN EFFICIENT, INTEGRATED, MANAGED RESOURCE SYSTEM. CAREER PREP IN RESEARCH, TEACHING OR DESIGN.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0903	TOTAL	23	4	20	5	13	7	20	7	27	9	9	5	98		
	COUNT	3														
0905	ENGINEERING IN BIOLOGY AND MEDICINE STANFORD UNIVERSITY, CALIFORNIA	0	1	0	1	0	0	0	1	0	0			6	NO	N/A

BRIEF PROGRAM DESCRIPTION

TECHNIQUES FROM VARIOUS DEPARTMENTS OF ENGINEERING ARE BROUGHT TO BEAR ON BIOLOGICAL AND MEDICAL PROBLEMS. EXAMPLES OF RESEARCH TOPICS ARE MEMBRANE TRANSPORT, ENZYME ENGINEERING, BONE ELASTICITY, CARDIOVASCULAR DYNAMICS, HAEMODYNAMICS, MEDICAL INSTRUMENTATION, AND COMPUTER TECHNIQUES USED TO IMPROVE BRAIN WAVE RECOGNITION AND X-RAY IMAGES.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	BIOMEDICAL ENGINEERING U OF CAL DAVIS, CALIFORNIA	0	0	0	0	0	0	0	0	0	0	12	0	12	NO	N/A

BRIEF PROGRAM DESCRIPTION

FLEXIBLE COURSE OF STUDY IN ENGINEERING AND BIOLOGICAL TECHNIQUES GIVING ADEQUATE EXPOSURE TO ANALYSIS, DESIGN, EXPERIMENTATION, AND COMMUNICATION. GRADS ARE PREPARED FOR CAREERS IN ENGINEERING, FIELDS OF BIOLOGICAL AND MEDICAL SCIENCES, TEACHING AND RESEARCH AT THE UNIVERSITY LEVEL. PREREQ.: BACHELOR'S DEGREE IN BIOLOGY, ENGINEERING, OR A RELATED AREA OF PHYSICAL OR BIOLOGICAL SCIENCE, THREE LETTERS OF RECOMMENDATION AND GRE SCORES.

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HEGIS CATEGORY: 0900 ENGINEERING

                        ***** EARNED DEGREES CONFERRED *****                                      MANDATORY    CEILING
HEGIS   NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE      INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME   PART-TIME   TOTAL   ENROLLMENT   REACHED

0905         BIOENGINEERING
        U OF CAL SAN DIEGO, CALIFORNIA
                             0    0     0    0     3    5     7    2     9    2     27                     27       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            JOINTLY CONDUCTED BY THE DEPARTMENT OF APPLIED MECHANICS & ENGINEERING SCIENCE (AMES), & THE SCHOOL
            OF MEDICINE. THE ENGINEERING SCIENCES PH.D. (BIOENGINEERING) IS A RESEARCH DEGREE DEALING WITH
            VASCULAR PHYSIOLOGY, BIOMECHANICS OF THE HEART & LUNGS, BIOMEDICAL INSTRUMENTATION & CLINICAL
            APPLICATION OF PHYSICAL PRINCIPLES FOR THE DETECTION OF DISEASES.

           BIOMEDICAL ENGR.
        U OF SOUTHERN CALIFORNIA, CALIFORNIA
                            12    2     8    6    14    2    12    5     6    4                            30       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            INTERDISCIPLINARY PROGRAM IN ENGINEERING AND MATHEMATICS, PHYSIOLOGY, BIOLOGY (BIOCHEMISTRY AND
            BIOPHYSICS); ENGINEERING APPROACH TO BIOMEDICAL PROBLEMS. PREREQUISITES: GRE APTITUDE; B.S. IN
            SCIENCE OR ENGINEERING.

           BIOENGINEERING
        UNIVERSITY OF UTAH, UTAH
                             0    0     5    2     6    2     7    0     3    0                            27       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            BIOINSTRUMENTATION, BIOMATERIALS, ELECTROMAGNETIC  RADIATION EFFECTS, PROSTHETIC DEVICES AND
            ARTIFICAL ORGANS, BIOMEDICAL IMAGING.

           BIOENGINEERING
        UNIVERSITY OF WYOMING, WYOMING
                             2    2     0    3     1    0     3    1     0    2                             6       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            TO TRAIN IN THE PRINCIPLES AND RESEARCH PHILOSOPHIES OF ENGINEERING, ENVIRONMENTAL AND BIOLOGICAL
            SCIENCES.  PREREQS: SOME ADDITIONAL COURSES MAY BE REQUIRED IN AREA OF BASIC ELECTRICAL SCIENCES IF
            STUDENT'S BACKGROUND IS DEFICIENT.

0905    TOTAL

                            14    5    13   12    24    9    29    9    18    8     39          0         108


        COUNT

                             6
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HEGIS CATEGORY: 0900 ENGINEERING

                          *****  EARNED DEGREES CONFERRED  *****                                              MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

0906        CHEMICAL ENGINEERING
      ARIZONA STATE UNIVERSITY, ARIZONA
                             4    1     4    0     3    0    10    3     3    1                          1     NO       N/A
       BRIEF PROGRAM DESCRIPTION
         SPECIALIZATION IN THE RESEARCH AREA OF CHEMICAL &D ENGINEERING. GRADS ARE PREPARED FOR TEACHING,
         RERESEARCH & MANAGER-LEVEL POSITIONS IN EDUCATIONALSTITUTIONS, PRIVATE INDUSTRY & GOVERNMENT.
         PREREQSOS: UNDERGRADUATE MAJOR IN ENGINEERING OR RELATEDFLD, ACCEPTABLE GRE SCORES.

            CHEMICAL ENGINEERING
      UNIVERSITY OF ARIZONA, ARIZONA
                             8    1     6    2     2    0    11    3     7    0    16            4        20     NO       N/A
       BRIEF PROGRAM DESCRIPTION
         PROGRAM IS DESIGNED TO PROVIDE ADVANCED WORK IN A  CORE OF TRANSPORT PHENOMENA: THERMODYNAMICS AND
         MASS TRANSFER WITH ADDITIONAL SELECTED WORK IN CHEMICAL KINETICS, HEAT TRANSFER, FLUID DYNAMICS,
         CONTROL THEORY, AND PROCESS SIMULATION.

            CHEMICAL ENGINEERING
      CAL INST OF TECHNOLOGY, CALIFORNIA
                             8    4     9   10     6    6    15    5     4    4    44            0        44     NO       N/A
       BRIEF PROGRAM DESCRIPTION
         EMPHASIZES INSTRUCTION ON BASIC SUBJECTS RATHER THAN ON SPECIALIZED MATERIAL RELATING PRIMARILY TO
         PARTICULAR INDUSTRIES OR PROCESSES. THE GENERAL OBJECTIVE IS TO PRODUCE INDIVIDUALS WHO ARE
         EXCEPTIONALLY WELL TRAINED TO APPLY THE PRINCIPLES OF MATHEMATICS, THE PHYSICAL SCIENCES, AND
         ENGINEERING TONEW SITUATIONS INVOLVING CHEMICAL REACTIONS AND THE TRANSPORT OF MOMENTUM, ENERGY, AND
         MATERIAL.

            CHEMICAL ENGINEERING
      STANFORD UNIVERSITY, CALIFORNIA
                            17    8    13   11    21   11    19    3    25    2                                 64     NO       N/A
       BRIEF PROGRAM DESCRIPTION
         COURSES INCLUDE BIOENGINEERING, KINETICS OF CHEMICAL PROCESSES, CHEMICAL REACTION ENGINEERING, FLUID
         PHASE EQUILIBRIA, VICOUS FLOW THEORY, POLYMER, AND COLLUIDS. A VARIETY OF RESEARCH INVESTIGATIONS
         ARE POSSIBLE.

            CHEMICAL ENGINEERING
      U OF CAL BERKELEY, CALIFORNIA
                            17   14    23   14    38   21    22   12     0    0   131            0       131    YES       NO



            CHEMICAL ENGINEERING
      U OF CAL SANTA BARBARA, CALIFORNIA
                             6    3     7    2     6    1     8    1     0    0    19                      19     NO       N/A
       BRIEF PROGRAM DESCRIPTION
         NO FORMAL UNIT REQUIREMENT: COURSES TO BE TAKEN IN  THE FIELD OF SPECIALIZATION AND AT LEAST ONE
         COURSE IN EACH OF TWO AREAS OUTSIDE THE FIELD.
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HEGIS CATEGORY: 0900 ENGINEERING

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0906	CHEMICAL ENGINEERING U OF SOUTHERN CALIFORNIA, CALIFORNIA	14	1	8	0	11	2	22	1	14	1			76	NO	N/A

BRIEF PROGRAM DESCRIPTION

THERMODYNAMICS, FLUID FLOW, HEAT AND MASS TRANSFER, CHEMICAL ENGINEERING KINETICS. PREREQUISITES: GRE APTITUDE AND ADVANCED; M.S. USUALLY.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	CHEMICAL & PETROLEUM-REFINING ENGINEERING COLORADO SCHOOL OF MINES, COLORADO	6	5	9	1	4	3	10	1	16	3	35	1	36	YES	NO

BRIEF PROGRAM DESCRIPTION

CHEMICAL ENGINEERING WITH AN EMPHASIS ON PETROLEUM REFINING & THE MANUFACTURE OF PETROLEUM-DERIVES SUBSTANCES. RESEARCH INCLUDES TOPICS IN CLEAN SOLID & LIQUID FUELS FROM COAL, SHALE OIL, GAS-HYDRATE EQUILIBRIA & ENTHALPY OF COAL DERIVES LIQUIDS. PREREQS INCLUDE: MSC, GRE APTITUDE.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	CHEMICAL ENGINEERING UNIVERSITY OF IDAHO, IDAHO	8	2	13	2	10	1	8	2	5	1	12	7	19	NO	N/A

BRIEF PROGRAM DESCRIPTION

GRADUATE STUDIES IN THIS DEPARTMENT ARE HIGHLY DIVERSIFIED IN ORDER TO ACCOMMODATE THE NEEDS OF MOST STUDENTS WHO HAVE A GOOD BASIC BACKGROUND IN THE PHYSICAL SCIENCES, MATHEMATICS & ENGINEERING. AREAS OF EXPERTISE INCLUDE OPTIMIZATION & PROCESS DESIGN; ENERGY CONVERSION; RAW MATERIAL RESOURCES; THERMODYNAMICS, KINETICS, AND TRANSPORT PHENOMENA; AND POLLUTION CONTROL.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	CHEMICAL ENGINEERING MONTANA STATE UNIVERSITY, MONTANA	9	2	6	2	3	0	8	0	5	4			8	NO	N/A

BRIEF PROGRAM DESCRIPTION

CURRENT RESEARCH PROJECTS OF AN APPLIED NATURE INCLUDE STUDIES ON COAL, FLUIDIZED BED HEAT TRANSFER FROM FINNED TUBES, EXTRACTIVE DISTILLATION AND REMOVAL OF SO2 AND NO FROM COMBUSTION GASES. TOPICS OF A MORE THEORETICAL NATURE INCLUDE EVALUATIONS OF STATIC MIXERS AND DEVELOPMENT OF MEMBRANE PROCESSES.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	CHEMICAL ENGINEERING OREGON STATE UNIVERSITY, OREGON	4	0	3	2	5	1	7	1	6	0	24	1	25	NO	N/A

BRIEF PROGRAM DESCRIPTION

THE PROGRAMS ARE ALL TAILORED TO INDIVIDUAL STUDENT NEEDS, AND PROFESSIONAL GOALS. A DIVERSITY OF FACULTY INTERESTS, BROADENED AND REINFORCED BY COOPERATION BETWEEN THE DEPARTMENT AND OTHER ENGINEERING DEPARTMENTS AND RESEARCH CENTERS ON CAMPUS, MAKES TAILORED INDIVIDUAL PROGRAMS POSSIBLE. THE DEPARTMENT ORIGINATES AND ENCOURAGES PROGRAMS WHICH RANGE FROM THOSE WHICH ARE CLASSICALLY CHEMICAL ENGINEERING TO THOSE WHICH ARE DISTINCTLY INTERDISCIPLINARY.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	CHEMICAL ENGINEERING BRIGHAM YOUNG U MAIN CAM, UTAH	16	3	8	0	3	0	4	1	5	4				YES	NO

BRIEF PROGRAM DESCRIPTION

INTERDEPARTMENTAL PROGRAM. FIELDS: COMBUSTION, ENVIRONMENTAL CONTROL, FLUID MECHANICS, NUCLEAR ENGINEERING, THERMODYNAMICS.

HEGIS CATEGORY: 0900 ENGINEERING

		***** EARNED DEGREES CONFERRED *****													MANDATORY	CEILING
HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	CEILING ON ENROLLMENT	LEVEL REACHED
0906	CHEMICAL ENGINEERING UNIVERSITY OF UTAH, UTAH	8	2	6	4	13	4	14	0	14	3			35	NO	N/A
	CHEMICAL ENGINEERING UNIVERSITY OF WASHINGTON, WASHINGTON	3	7	14	2	6	7	9	5	10	6	48	9	57	NO	N/A
	CHEMICAL ENGINEERING UNIVERSITY OF COLORADO, COLORADO	5	2	6	3	8	4	6	4	11	2			30	NO	N/A
0906	TOTAL	133	55	135	55	139	61	173	42	125	31	329	22	565		
	COUNT	15														

BRIEF PROGRAM DESCRIPTION

DIFFUSIONAL PROCESSES, FLUID & GAS DYNAMICS, MULTIPHASE FLUID FLOW, THERMODYNAMICS, HEAT TRANSFER, CHEMICAL-REACTION KINETICS, TRANSPORT PROCESSES, BIOLOGICAL TRANSPORT, ENERGY TRANSPORT, COMBUSTION, ABLATION, ENGINEERING MATERIALS, POLYMER SCIENCE,PROCESS CONTROL, CHROMATOGRAPHIC TRANSPORT, PROPULSION, HIGH-TEMPERATURE REACTIONS, FLAMMABILITY, POLLUTION CONTROL, FERMENTATION, ENERGY CONVERSION, COAL, OIL SHALE & TAR SANDS PROCESSING, GEOTHERMAL POWER.

BRIEF PROGRAM DESCRIPTION

TODAY IT IS RECOGNIZED THAT THE TRADITIONAL UNIT OPERATIONS ALL REST ON THE COMMON BASES OF KINETICS, THERMODYNAMICS & THE TRANSPORT MECHANISMS. IT IS AT THIS LEVEL OF INQUIRY THAT BASIC UNDERSTANDING OF CHEMICAL ENGINEERING IS ACHIEVED & THAT RESEARCH IN THE DEPARTMENT IS CONDUCTED. MOST STUDENTS APPLYING WILL HAVE A BACHELOR OF SCIENCE DEGREE IN CHEMICAL ENGINEERING, ALTHOUGH AN UNDERGRADUATE DEGREE IN CHEMISTRY, PHYSICS, MATHEMATICS, OR ANOTHER BRANCH OF ENGINEERING ARE ACCEPTABLE.

BRIEF PROGRAM DESCRIPTION

DISCIPLINE-ORIENTED SUBSPECIALTIES: CATALYSIS, CONTROL, BIOENGINEERING, INTERFACIAL STUDIES. PROCESS & PRODUCT-ORIENTED SUBSPECIALTIES: SOLAR ENERGY,COAL GASIFICATION, TERTIARY OIL RECOVERY, WASTE TREATMENT, CRYOGENICS, AIR POLLUTION REMOVAL. SPECIAL ADMISSIONS REQUIREMENTS: M.S. DEGREE OR EQUIVALENT. PRIMARY CAREERS: CHEMICAL ENGINEER; SCHOLAR AND/OR TEACHER IN CHEMICAL ENGINEERING FIELD.

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HEGIS CATEGORY: 0900 ENGINEERING

                                 *****  EARNED DEGREES CONFERRED  *****                                           MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0907        PETROLEUM ENGINEERING
       STANFORD UNIVERSITY, CALIFORNIA
                              8    6    10    7     4    2    12    5    15    3                            37        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           ENGINEERING TECHNOLOGY OF WATER MINERAL FLUIDS AND  ENERGY PRODUCTION FROM THE EARTH. STUDIES
           INCLUDE  GEOPHYSICS, CHEMISTRY, MATHEMATICS, PHYSICS, COMPUTER SCIENCE, AND ENGINEERING.

            PETROLEUM ENGINEERING
       COLORADO SCHOOL OF MINES, COLORADO
                              4    0     2    0     3    1     6    4     5    1     23          5          28        YES         NO
         BRIEF PROGRAM DESCRIPTION
           STUDY & RESEARCH IN DRILLING TECHNIQUES, SUBSURFACE EVALUATION, OIL & GAS PRODUCTION, ROCK
           PROPERTIES, UNDERGROUND FLUID BEHAVIOR, MANAGEMENT OF OPERATIONS. MSC IN PETROLEUM ENGINEERING, GRE
           APTITUDE.

            FUELS ENGINEERING
       UNIVERSITY OF UTAH, UTAH
                              0    4     2    4     0    1     1    2     2    2                            28        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           FOSSIL FUELS, FUELS CONVERSION PROCESSES, CATALYSIS, AND SOLID, LIQUID AND GASEOUS FUELS.UTION
           MINING: FOSSIL FUELS, FUELS CONVERSION PROCESSES, CATALYSIS, AND SOLID, LIQUID AND GASEOUS FUELS.


0907   TOTAL

                             12   10    14   11     7    4    19   11    22    6     23          5          93


       COUNT

                              3



0908        CIVIL ENGINEERING
       ARIZONA STATE UNIVERSITY, ARIZONA
                              0    0     0    0     0    0     0    0     0    0                             1        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           SPECIALIZATION IN THE RESEARCH AREA OF CIVIL ENGINEERING. GRADS ARE PREPARED FOR TEACHING,
           RESEARCH,& MANAGER-LEVEL POSITIONS IN EDUCATIONAL INSTITUTIUTIONS, PRIVATE INDUSTRY, AND GOVERNMENT.
           PREREQS:GRADUATE MAJOR IN ENGINEERING OR RELATED FIELD, ACLD, ACCEPTABLE GRE SCORES.
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HEGIS CATEGORY: 0900 ENGINEERING

                           *****  EARNED DEGREES CONFERRED  *****                                              MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74     1974-75     1975-76     1976-77     1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT   MAST DOCT   MAST DOCT   MAST DOCT   MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

0908        CIVIL ENGINEERING
         UNIVERSITY OF ARIZONA, ARIZONA
                             13    3     13    1     16    2     12    3      7    1     31          21         52        NO         N/A
          BRIEF PROGRAM DESCRIPTION
            WORK IS DIRECTED TOWARD RESEARCH AND PROFESSIONAL  DEVELOPMENT IN SUCH AREAS AS APPLIED MECHANICS,
            ENGINEERING MATERIALS, REGIONAL DEVELOPMENT AND URBAN PLANNING, HIGHWAY ENGINEERING, HYDRAULICS AND
            FLUID DYNAMICS, SANITARY AND ENVIRONMENTAL ENGINEERING, SOIL MECHANICS AND SOILS ENGINEERING,
            SURVEYING AND MAPPING, WATER RESOURCES, STRUCTURAL ENGINEERING, AND TRANSPORTATION.

            CIVIL ENGINEERING
         CAL INST OF TECHNOLOGY, CALIFORNIA
                              3    1      3    2      8    2     16    3      7    0     20           0         20        NO         N/A



            CIVIL ENGINEERING
         STANFORD UNIVERSITY, CALIFORNIA
                            136   10    144    3    165   10    170   14    151   10                           229        NO         N/A
          BRIEF PROGRAM DESCRIPTION
            CONSTRUCTION ENGINEERING AND MANAGEMENT; INFRASTRUCTURE MANAGEMENT; INFRASTRUCTURE PLANNING;
            STRUCTURES, MATERIALS, AND GEOTECHNICAL ENGINEERING; ANDENVIRONMENTAL AND WATER STUDIES.

            CIVIL ENGINEERING
         U OF CAL BERKELEY, CALIFORNIA
                            177   48    205   36    205   40    189   38      0    0    389           0        389       YES          NO



            CIVIL ENGINEERING
         U OF SOUTHERN CALIFORNIA, CALIFORNIA
                             23    8     50    3     23    1     45    4     37    7                           189        NO         N/A
          BRIEF PROGRAM DESCRIPTION
            CONSTRUCTION; EARTHQUAKE ENGINEERING; ENVIRONMENTAL ENGINEERING; HYDROMECHANICS; NUCLEAR
            ENGINEERING; OCEAN ENGINEERING; SOIL MECHANICS AND FOUNDATIONS; STRUCTURAL ENGINEERING;
            TRANSPORTATION; WATER RESOURCES. PREREQUISITES: GRE APTITUDE AND ADVANCED; M.S. USUALLY.

            CIVIL ENGINEERING
         COLORADO STATE UNIVERSITY, COLORADO
                             40   15     29   18     45   20     42   13     55   11                           163        NO         N/A
          BRIEF PROGRAM DESCRIPTION
            PROGRAMS IN FLUID MECHANICS & WIND ENGINEERING, GROUNDWATER, HYDRAULICS, HYDROLOGY & WATER
            RESOURCES, ENGINEERING MECHANICS & ENVIRONMENTAL, GEOTECHNICAL, STRUCTURAL & WATER RESOURCES
            PLANNING & MANAGEMENT.
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HEGIS CATEGORY: 0900 ENGINEERING

                                  ***** EARNED DEGREES CONFERRED  *****                                      MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE      INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

0908        CIVIL ENGINEERING
         UNIVERSITY OF IDAHO, IDAHO
                             12    1    14    3    18    0     9    0    11    0      9          12        21        NO        N/A
           BRIEF PROGRAM DESCRIPTION
             GRADUATE STUDY IS OFFERED WITH SPECIALIZATION IN STRUCTURES & STRUCTURAL MECHANICS, HIGHWAY AND
             STRUCTURAL MATERIALS, SOIL MECHANICS, TRANSPORTATION,  HYDRAULICS AND WATER RESOURCES, AND SANITARY
             ENGINEERING.

            CIVIL ENGINEERING
         MONTANA STATE UNIVERSITY, MONTANA
                             15    1    15    1    19    0    18    0    10    1                           28        NO        N/A
           BRIEF PROGRAM DESCRIPTION
             MAJOR STUDY IS OFFERED IN VARIOUS COMBINATIONS OFTHE SUBJECT AREAS OF TRANSPORTATION ENGINEERING,
             SOIL MECHANICS AND FOUNDATION ENGINEERING, FLUID MECHANICS, HYDRAULIC AND HYDROLOGIC ENGINEERING,
             STRUCTURAL ENGINEERING, ENGINEERING MECHANICS, ENVIRONMENTAL ENGINEERING, AND ENVIRONMENTAL HEALTH
             ENGINEERING.

            CIVIL ENGINEERING
         NM STATE U MAIN CAMPUS, NEW MEXICO
                             10    1     2    0     7    1     4    0    10    0                           33        NO        N/A
           BRIEF PROGRAM DESCRIPTION
             SANITARY ENGINEERING, HYDRAULICS AND HYDROLOGY, STRUCTURAL MECHANICS, STRUCTURAL DESIGN.
             SPECIAL/RESEARCH/LAB/FIELD REQUIREMENTS-DOCTORAL DISSERTATION, TWO RESEARCH TOOLS, ADMISSIONS
             REQUIREMENTS-MINIMUM-BACHELORS DEGREE IN ENGINEERING OR ALLIED SCIENCES, GRAD. GPA-3.3, UGRAD.
             GPA-3.0, GRE APTITUDE.  CAREERS-ENGINEERS, RESEARCHERS, HIGHER EDUCATION  FACULTY.

            CIVIL ENGINEERING
         OREGON STATE UNIVERSITY, OREGON
                             25    2    41    3    25    2    14    2    17    2     52          11        63        NO        N/A
           BRIEF PROGRAM DESCRIPTION
             MAJORS IN THE FIELDS OF CONSTRUCTION ENGINEERING MANAGEMENT, HYDRAULIC ENGINEERING, ENVIRONMENTAL
             ENGINEERING, OCEAN ENGINEERING, SOIL MECHANICS AND FOUNDATION ENGINEERING, STRUCTURAL ENGINEERING,
             ENGINEERING SURVEYING, TRANSPORTATION ENGINEERING AND  WATER RESOURCES ENGINEERING. DEGREE PROGRAMS
             PREPARE THE STUDENT FOR ADVANCED LEVEL ENTRY INTO PROFESSIONAL ENGINEERING PRACTICE AND FOR CAREERS
             IN RESEARCH AND TEACHING.

            CIVIL ENGINEERING
         BRIGHAM YOUNG U MAIN CAM, UTAH
                             14    1    18    0    18    2     6    0     2    1                                     YES        NO
           BRIEF PROGRAM DESCRIPTION
             INTERDEPARTMENTAL PROGRAM. FIELDS: GEOTECHNICAL ENGINEERING, STRUCTURES AND STRUCTURAL MECHANICS,
             TRANSPORTATION ENGINEERING, WATER RESOURCES, ENVIRONMENTAL ENGINEERING.
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HEGIS CATEGORY: 0900 ENGINEERING

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	GRADUATE ENROLLMENT 1977-78 PART-TIME	GRADUATE ENROLLMENT 1977-78 TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0908	CIVIL ENGINEERING UNIVERSITY OF UTAH, UTAH	14	3	23	2	11	4	5	2	9	2			24	NO	N/A

BRIEF PROGRAM DESCRIPTION

THE PH.D. DEGREE IN CIVIL ENGINEERING AT THE UNIVERSITY OF UTAH IS GRANTED IN THE CLASSICAL AREAS OF CIVIL ENGINEERING AS WELL AS IN SEVERAL INTERDISCIPLINARY AREAS. THE CLASSICAL AREAS ARE: APPLIED MECHANICS, STRUCTURES, ENVIRONMENTAL, HYDROLOGY, SANITARY ENGINEERING, GEOTECHNICS, AND TRANSPORTATION. INTERDISCIPLINARY DEGREES ARE RELATED TO MATERIAL SCIENCE AND URBAN/REGIONAL PLANNING.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	GRADUATE ENROLLMENT 1977-78 PART-TIME	GRADUATE ENROLLMENT 1977-78 TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	CIVIL AND ENVIRONMENTAL ENGINEERING UTAH STATE UNIVERSITY, UTAH	26	5	25	11	15	3	21	5	27	2			77	NO	N/A

BRIEF PROGRAM DESCRIPTION

FLUID MECHANICS, SOIL MECHANICS, WATER RESOURCES,HYDROLOGY, HYDRAULICS, STRUCTURES AND WATER QUALITY. CAREER PREPARATION FOR RESEARCH AND ADVANCED DEVELOPMENT EDUCATION AND FOR PRACTICAL CAREERS WITH GOVERNMENT AND PRIVATE INDUSTRY. PREREQS: MASTERS DEGREE IN FIELD OF CIVIL AND ENVIRONMENTAL ENGINEERING, OR BS OR MS FROM A RELATED FIELD.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	GRADUATE ENROLLMENT 1977-78 PART-TIME	GRADUATE ENROLLMENT 1977-78 TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	CIVIL ENGINEERING UNIVERSITY OF WASHINGTON, WASHINGTON	76	11	51	10	67	11	54	11	57	5	168	80	248	NO	N/A

BRIEF PROGRAM DESCRIPTION

GRADUATE WORK IS OFFERED IN THE FIELDS OF GEOMETRONICS.HYDRAULIC ENGINEERING.SANITARY ENGINEERING (INCLUDING WATER & WASTE-WATER TREATMENT & WATER & AIR RESOURCES DEVELOPMENT & MANAGEMENT) SOIL MECHANICS.ENGINEERING MECHANICS.STRUCTURAL ENGINEERING.STRUCTURAL MECHANICS.TRANSPORTATION ENGINEERING & URBAN ANALYSIS. STUDENTS WORKING FOR THE PH.D. MUST COMPLETE AN APPROVED PROGRAM OF STUDIES & RESEARCH NORMALLY REQUIRING AN ADDITIONAL THREE OR FOUR YEARS BEYOND THE BACCALAUREATE DEGREE.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	GRADUATE ENROLLMENT 1977-78 PART-TIME	GRADUATE ENROLLMENT 1977-78 TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	CIVIL ENGINEERING UNIVERSITY OF WYOMING, WYOMING	14	1	9	1	5	1	7	0	20	0			35	NO	N/A

BRIEF PROGRAM DESCRIPTION

AREAS IN STRUCTURAL ENGINEERING, ENVIRONMENTAL ENGINEERING, TRANSPORTATION HYDRAULICS AND FLUID MECHANICS, AND HYDROLOGY. PROFICIENCY IN STATISTICS OR COMPUTER SCIENCE AS RESEARCH TOOL IS AN ACCEPTABLE LANGUAGE SUBSTITUTE, AS IS A SPECIAL PROGRAM IN THE SOCIAL SCIENCES.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	GRADUATE ENROLLMENT 1977-78 PART-TIME	GRADUATE ENROLLMENT 1977-78 TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	CIVIL & ENVIRONMENTAL ENGR. UNIVERSITY OF COLORADO, COLORADO	15	3	16	5	27	5	32	4	30	3			90	NO	N/A

BRIEF PROGRAM DESCRIPTION

CURRICULAR EMPHASES OR SUBSPECIALTIES: ENVIRONMENTAL ENGINEERING; GEOTECHNICAL ENGINEERING; STRUCTURAL ENGINEERING. SPECIAL ADMISSIONS REQUIREMENTS: M.S. DEGREE IN CIVIL, ENVIRONMENTAL, ARCHITECTURAL ENGINEERING. PRIMARY CAREERS: UNIVERSITY FACULTY,CONSULTING ENGINEERING, INDUSTRY & GOVERNMENTAL AGENCIES.

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HEGIS CATEGORY: 0900 ENGINEERING

                               ***** EARNED DEGREES CONFERRED *****                                                   MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

0908     TOTAL

                            613  114   658   99   674  104   644   99   450   45     669        124      1662


         COUNT

                             17



0909        ELECTRICAL ENGINEERING
         ARIZONA STATE UNIVERSITY, ARIZONA
                             50   11    53    5    47    3    45    4    38    2      99        123       222         NO          N/A
           BRIEF PROGRAM DESCRIPTION
             SPECIALIZATION IN THE RESEARCH AREA OF ELECTRICAL  ENGINEERING. GRADS ARE PREPARED FOR TEACHING,
             RESCHING, RESEARCH & MANAGER-LEVEL POSITIONS IN EDUCATITUTIONS, PRIVATE INDUSTRY & GOVERNMENT.
             PREREQS:. PREREQS: UNDERGRADUATE MAJOR IN ENGINEERING OR RD, ACCEPTABLE GRE SCORES.

            ELECTRICAL ENGINEERING
         UNIVERSITY OF ARIZONA, ARIZONA
                             17    3    15    9    24    5    14    3    18    7      52         40        92         NO          N/A
           BRIEF PROGRAM DESCRIPTION
             MASTER'S DEGREE STUDENTS MAY ALSO SELECT ONE OF THE FOLLOWING INTERDISCIPLINARY OPTIONS: BIOMEDICAL
             ENGINEERING, CLINICAL ENGINEERING, ENERGY SYSTEMSENGINEERING, OR MATERIALS ENGINEERING.

            ELECTRICAL ENGINEERING
         CAL INST OF TECHNOLOGY, CALIFORNIA
                             17    8    13   10    14    5    12    3    31    4      48          7        55         NO          N/A
           BRIEF PROGRAM DESCRIPTION
             THE DOCTORAL CANDIDATE MAY FIRST OBTAIN THE MASTER  OF SCIENCE DEGREE OR MAY ENTER DIRECTLY INTO
             STUDIES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY. IN JUDGING ADMISSION FOR THE PH.D. DEGREE, THE EE
             FACULTY PLACES PARTICULAR EMPHASIS ON ANY EVIDENCE OF FUTURE RESEARCH POTENTIAL. THE GRADUATE
             CURRICULUM IS FLEXIBLE. STUDENTS PARTICIPATE IN GRADUATE SEMINARS AND IN RESEARCH PROJECTS.

            ELECTRICAL ENGINEERING
         STANFORD UNIVERSITY, CALIFORNIA
                            168   36   222   45   203   47   198   39   182   48                           508         NO          N/A
           BRIEF PROGRAM DESCRIPTION
             BIOELECTRONICS, COMMUNICATIONS AND INFORMATION THEORY, COMPUTER APPLICATIONS COMPUTER SYSTEMS,
             ELECTROMAGNETIC THEORY, AND MICROWAVES, ELECTRONIC CIRCUITS AND DEVICES, INFORMATION PROCESSING,
             INTEGRATED CIRCUITS, MODERN OPTICS, AND OPTICAL DEVICES, NETWORK THEORY, PLASMAS, QUANTUM THEORY AND
             APPLICATIONS, RADIOSCIENCE, SOLID STATE MATERIALS AND PROPERTIES, SYSTEMS AND CONTROL THEORY.
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HEGIS CATEGORY: 0900 ENGINEERING

                             ***** EARNED DEGREES CONFERRED  *****                                            MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78 CEILING ON  LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

0909        ELECTRICAL ENG & COMPUTER SCI.
         U OF CAL BERKELEY, CALIFORNIA
                            129   50   151   31   139   40   116   32     0    0   364          0        364        YES        NO
          BRIEF PROGRAM DESCRIPTION
            INCLUDES COMPUTER SCIENCE.

            ELECTRICAL ENGINEERING
         U OF CAL SANTA BARBARA, CALIFORNIA
                             27    7    52    3    60    9    52    6     0    0   146         53        199        NO         N/A
          BRIEF PROGRAM DESCRIPTION
            AREAS OF EMPHASIS: 1. FIELDS AND WAVES, 2. SEMICONDUCTOR ELECTRONICS, 3. SIGNALS AND SYSTEMS.

            ELECTRICAL ENGINEERING
         UNIVERSITY OF SANTA CLARA, CALIFORNIA
                             51    1    41    1    42    3    38    4    37    2    14        240        254        NO         N/A
          BRIEF PROGRAM DESCRIPTION
            RESEARCH IN ELECTRICAL ENGINEERING AND PREPARATION  OF A THESIS DESCRIBING IT, AND A PROGRAM OF
            ADVANCED STUDIES IN ENGINEERING, MATHEMATICS, AND RELATED PHYSICAL SCIENCES. GRADS QUALIFIED FOR
            CAREERSIN TECHNICAL MANAGEMENT, CONSULTING, DESIGN, RESEARCH AND DEVELOPMENT, CONSTRUCTION AND
            PRODUCTION,AND TEACHING IN ENGINEERING SCHOOLS AND COLLEGES.PREREQS. INCLUDE: MASTER*S DEGREE,
            PRELIMINARY EXAMINATIONS, ADVANCED ENGINEERING TEST OF THE GRADUATE RECORD EXAMINATION SCORES.

            ELECTRICAL ENGINEERING
         U OF SOUTHERN CALIFORNIA, CALIFORNIA
                             76   19   102   20    98   24   107   32   104   30                          500        NO         N/A
          BRIEF PROGRAM DESCRIPTION
            COMPUTERS: COMMUNICATION THEORY: CONTROL SYSTEMS:ELECTROMAGNETIC ENGINEERING: POWER AND
            MACHINERY:SOLID STATE: BIOMEDICAL ENGINEERING: QUANTUM ELECTRONICS. PREREQUISITES: GRE APTITUDE AND
            ADVANCED:M.S. USUALLY.

            ELECTRICAL ENGINEERING
         COLORADO STATE UNIVERSITY, COLORADO
                             24    1    16    3    12    0    13    3    17    4                           48        NO         N/A
          BRIEF PROGRAM DESCRIPTION
            SPECIALIZATIONS INCLUDE ACTIVE NETWORKS & GRAPH THEORY: COMPUTERMANAGED LEARNING: CONTROL &
            COMMUNICATION SYSTEMS: DIGITAL ELECTRONICS & COMPUTER SYSTEMS: DIGITAL SIGNAL PROCESSING:
            ELECTROMAGNETICS:  ELECTROMECHANICS: ENERGY ENGINEERING: LASERS & QUANTUM ELECTRONICS, PLASMA
            DYNAMICS & ENERGY SOURCES: & SOLID STATE ELECTRONICS AND MICROELECTRONICS.

            ELECTRICAL ENGINEERING
         U OF HAWAII AT MANOA, HAWAII
                             28    3     9    3    11    3    10    6     4    2    15         17         32        NO         N/A
          BRIEF PROGRAM DESCRIPTION
            ELECTRICAL ENGINEERING FUNDAMENTALS, RADIO-SCIENCE  (UPPER ATMOSPHERE), COMMUNICATION THEORY,
            COMPUTER COMMUNICATION, SOLID STATE DEVICE FABRICATION. GRADUATES ARE PREPARED FOR CAREERS IN
            UNIVERSITY TEACHING AND FOR POSITIONS IN RESEARCH AND DEVELOPMENT. PREREQS: GRE (APTITUDE AND
            ADVANCED ENGINEERING, MATHEMATICS OR PHYSICS): B.S. IN ELECTRICAL ENGINEERING OR EQUIVALENT.
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HEGIS CATEGORY: 0900 ENGINEERING

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0909	ELECTRICAL ENGINEERING UNIVERSITY OF IDAHO, IDAHO	10	2	8	0	17	0	4	0	8	1	8	9	17	NO	N/A
	BRIEF PROGRAM DESCRIPTION IN THE DEPARTMENT OF ELECTRICAL ENGINEERING, THE AREAS OF EMPHASIS ARE CONTROL AND COMMUNICATIONS SYSTEMS, NETWORK ANALYSIS AND SYNTHESIS, ELECTRONICS, COMPUTER SCIENCE AND POWER SYSTEMS.IRCUITRY, COMPUTER SCIENCE, POWER SYSTEMS, ENERGY, AND DESIGN PROJECTS.															
	ELECTRICAL ENGINEERING MONTANA STATE UNIVERSITY, MONTANA	8	5	12	1	5	2	11	1	2	0			15	NO	N/A
	BRIEF PROGRAM DESCRIPTION FIELDS IN WHICH THE STUDENT MAY SPECIALIZE INCLUDE ANALOG AND DIGITAL SIGNAL PROCESSING, ELECTRONICS, INFORMATION AND COMMUNICATION THEORY, ELECTROMAGNETIC THEORY AND ANTENNAS, CONTROL SYSTEMS, OPTIMIZATION THEORY, DIGITAL AND COMPUTER ENGINEERING, MODELING AND CONTROL OF MHD AND CONVENTIONAL POWER SYSTEMS, AND SOLID STATE MATERIALS AND DEVICES.															
	ELECTRICAL ENGINEERING NM STATE U MAIN CAMPUS, NEW MEXICO	24	2	18	2	15	2	19	3	23	2			66	NO	N/A
	BRIEF PROGRAM DESCRIPTION NETWORK THEORY, ELECTROMAGNETIC THEORY, CONTROL SYSTEMS, COMMUNICATIONS THEORY, COMPUTER SYSTEMS, SOLID-STATE PHYSICS AND ITS APPLICATION, CIRCUIT THEORY, SYSTEMS THEORY, POWER SYSTEMS ANALYSIS AND MANAGEMENT. CAREERS-ENGINEERS, RESEARCHERS HIGHER EDUCATION FACULTY, POWER SYSTEMS MANAGERS.															
	ELECTRICAL AND COMPUTER ENGINEERING OREGON STATE UNIVERSITY, OREGON	16	3	22	5	20	5	27	1	30	7	75	12	87	NO	N/A
	BRIEF PROGRAM DESCRIPTION MAJORS IN COMMUNICATION, CONTROL, COMPUTERS, DIGITAL SYSTEM, MICRO ELECTRONICS, INSTRUMENTATION, BIOMEDICAL ENGINEERING, SIMULATION, SOLID-STATE ELECTRONICS, ELECTROMAGNETIC WAVE PROPAGATION, AND POWER. A MASTER OF SCIENCE DEGREE IN BIOMEDICAL ENGINEERING IS OFFERED IN COOPERATION WITH THE BIOLOGICAL AND LIFE SCIENCES.															
	ELECTRICAL ENGINEERING BRIGHAM YOUNG U MAIN CAM, UTAH	15	1	26	1	11	1	25	0	19	0				YES	NO
	BRIEF PROGRAM DESCRIPTION INTERDEPARTMENTAL PROGRAM. FIELDS: COMMUNICATIONSENGINEERING, COMPUTER ENGINEERING, POWER ENGINEERIG, SOLID-STATE ELECTRONICS.															
	ELECTRICAL ENGINEERING UNIVERSITY OF UTAH, UTAH	8	7	14	6	12	5	22	1	17	4			34	NO	N/A
	BRIEF PROGRAM DESCRIPTION DEGREE PROGRAMS ARE POSSIBLE IN THE AREAS OF ACOUSTICS, ELECTRONICS, MEDICAL ELECTRONICS, MICROWAVE TUBES, SOLID-STATE ELECTRONICS, QUANTUM ELECTRONICS AND LASERS, PLASMAS, ELECTROMAGNETICS, POWER SYSTEMS, RELIABILITY, OPTIMIZATION, INSTRUMENTATION,COMMUNICATION, COMPUTER ORGANIZATION, LOGICAL DESIGN, SYSTEMS PROGRAMMING, INFORMATION STRUCTURES, PROGRAMMING LANGUAGES, ETC.															

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HEGIS CATEGORY: 0900 ENGINEERING

                               *****  EARNED DEGREES CONFERRED  *****                                       MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT  REACHED

0909        ELECTRICAL ENGINEERING
         UTAH STATE UNIVERSITY, UTAH
                             17   2     7    1     8    1     8    0     7    5                           30        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             ELECTROMAGNETICS, OPTICAL AND INFRARED ENGINEERING, ATMOSPHERIC AND SPACE SCIENCE, COMPUTER AND
             DIGITAL SYSTEMS. CAREER PREPARATION FOR RESEARCH, TEACHING OR DESIGN WITH UNIVERSITIES, INDUSTRY, OR
             GOVERNMENT. PREREQS: PREVIOUS DEGREE IN ENGINEERING OR A CLOSELY-RELATED SCIENCE.

            ELECTRICAL ENGINEERING
         UNIVERSITY OF WASHINGTON, WASHINGTON
                             17   9    31   10    44    8    35    7    38    5     66         70       136        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             GRADUATE COURSES & VARIOUS RESEARCH PROGRAMS IN THE DEPARTMENT STRESS THE FUNDAMENTAL ASPECTS OF
             SYSTEMS THEORY, ELECTROMAGNETIC FIELDS AND DEVICES, SOLID STATE ELECTRONICS, COMPUTER APPLICATIONS
             AND  DESIGN, AND OTHER DISCIPLINES. THE STUDENT MUST PASS A QUALIFYING EXAMINATION, PASS AN ADVANCED
             GENERAL EXAMINATION AND PURSUE AND REPORT THE RESULT  OF A RESEARCH PROBLEM.

            ELECTRICAL ENGINEERING
         UNIVERSITY OF WYOMING, WYOMING
                              3   1     3    1     4    1     7    0     9    0                           12        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             CONTROL SYSTEMS, BIOENGINEERING, COMMUNICATION SYSTEMS AND SIGNAL PROCESSING.  PROGRAMS ARE
             INDIVIDUALLY PLANNED TO STUDENT INTEREST AND DEPARTMENT FACILITIES.  PREREQS: COMPETENCE IN 2
             RESEARCH TOOLAREAS RELEVANT TO PROPOSED AREA OF RESEARCH.

            ELECTRICAL ENGINEERING
         UNIVERSITY OF COLORADO, COLORADO
                             24   7    35    7    41    4    35    1    53    3                          218        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             CURRICULAR EMPHASES OR SUBSPECIALTIES: BIOMEDICAL  ENGINEERING, MATERIALS & QUANTUM ELECTRONICS,
             INFORMATION SYSTEMS ENERGY CONVERSION & SYSTEMS. CONTROL THEORY, CIRCUITS & ELECTRONICS, FIELDS &
             PROPOGATION & COMPUTERS. SPECIAL ADMISSIONS REQUIREMENTS: M.S. DEGREE IN ELECTRICAL ENGINEERING.
             PRIMARY  CAREERS: CAREERS IN EDUCATION (UNIVERSITY LEVEL),INDUSTRIAL RESEARCH & DEVELOPMENT.
             GOVERNMENT RESEARCH.

0909     TOTAL

                            729  178   850  164   827  168   798  146   637  126    887        571      2889


         COUNT

                             20
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HEGIS CATEGORY: 0900 ENGINEERING

                        *****  EARNED DEGREES CONFERRED  *****                                          MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78 CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL ENROLLMENT  REACHED

0910        MECHANICAL ENGINEERING
        ARIZONA STATE UNIVERSITY, ARIZONA
                             8    1     1    1     8    2     6    0    11    1     35         22        57       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            SPECIALIZATION IN THE RESEARCH AREA OF MECHANICAL  ENGINEERING. GRADS ARE PREPARED FOR TEACHING,
            RESARCH & MANAGER-LEVEL POSITIONS IN EDUCATIONAL INSTITTUIONS, PRIVATE INDUSTRY & GOVERNMENT.
            PREREQS:UNDERGRADUATE MAJOR IN ENGINEERING OR RELATED FIELLD, ACCEPTABLE GRE SCORES.

            MECHANICAL ENGINEERING
        UNIVERSITY OF ARIZONA, ARIZONA
                            15    1    16    2    17    3    14    2    12    1     33         26        59       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            PROGRAM PREPARES STUDENTS FOR ADVANCED WORK IN MANY FIELDS INCLUDING FLUID MECHANICS;
            AERODYNAMICS;MECHANICAL VIBRATIONS AND STRUCTURAL DYNAMICS; THERMODYNAMICS AND HEAT TRANSFER; ENERGY
            CONVERSION;COMBUSTION AND PROPULSION; ENVIRONMENTAL ENGINEERING; RELIABILITY ENGINEERING;
            BIOENGINEERING; INSTRUMENTATION, CONTROL, AND OPTIMAL CONTROL; MATERIALS, STRUCTURE, AND DESIGN.

            MECHANICAL ENGINEERING
        CAL INST OF TECHNOLOGY, CALIFORNIA
                            10    1    14    3    13    5     6    2    16    1     25          5        30       NO         N/A


            MECHANICAL ENGINEERING
        STANFORD UNIVERSITY, CALIFORNIA
                            60   14    73   14    76   10    88    6   104   14                          221       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            APPLIED MECHANICS-INCLUDING DYNAMICS, MECHANICS OF  DEFORMABLE SOLIDS BIOMECHANICS FLUID MECHANICS,
            AND EXPERIMENTAL MECHANICS; DESIGN-INCLUDING MANUFACTURING TECHNOLOGY, AUTOMATIC CONTROLS
            ANALYTICALAND NUMERICAL DESIGN METHODS, OPTIMIZATION DESIGNAESTHETICS, HUMAN FACTORS, AND SYSTEMS
            DESIGN, AND  THERMOSCIENCE-INCLUDING THERMODYNAMICS ENERGY SYSTEMS, POLLUTION CONTROL, COMBUSTION
            FLUID MECHANICS, AND HEAT TRANSFER.

            MECHANICAL ENGINEERING
        U OF CAL BERKELEY, CALIFORNIA
                            72   29    72   27    68   32    93   23     0    0    247          0       247      YES          NO


            MECHANICAL ENGINEERING
        U OF CAL SAN DIEGO, CALIFORNIA
                             0    0     0    0     3    3     2    1    10    1     23                    23       NO         N/A
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HEGIS CATEGORY: 0900 ENGINEERING

                           ***** EARNED DEGREES CONFERRED *****                                                    MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

0910       MECHANICAL ENGINEERING
        U OF CAL SANTA BARBARA, CALIFORNIA
                            8    4     8    1    15    1     7    1     0    0     33          1        34       NO        N/A
          BRIEF PROGRAM DESCRIPTION
            FULLY ACCREDITED BY THE ENGINEERS' COUNCIL FOR PROFESSIONAL DEVELOPMENT STUDENTS MUST DEMONSTRATE
            COMPETENCY IN A MAJOR FIELD AND IN TWO MINOR FIELDS,  ONE OF WHICH MAY BE OUTSIDE THE DEPARTMENT.
            COURSES OFFERED IN THE AREAS OF: THERMAL SCIENCE, SOLID  MECHANICS, FLUID MECHANICS, MATERIALS
            SCIENCE, DESIGN, ENGINEERING SYSTEMS, BIOMEDICAL ENGINEERING.

           MECHANICAL ENGINEERING
        U OF SOUTHERN CALIFORNIA, CALIFORNIA
                           27    3    21    1    19    4    22    1    22    1                         76       NO        N/A
          BRIEF PROGRAM DESCRIPTION
            METALLURGICAL DESIGN, HEAT TRANSFER, MECHANICAL PROPERTIES, PREREQUISITES: GRE APTITUDE AND
            ADVANCED; M.S. USUALLY.

           MECHANICAL ENGINEERING
        COLORADO STATE UNIVERSITY, COLORADO
                           13    3     9    5    10    3    13    5    22    6                         42       NO        N/A
          BRIEF PROGRAM DESCRIPTION
            RESEARCH & COURSE CONCENTRATIONS IN SIX AREAS; BIOENGINEERING; ENERGY CONVERSION; ENVIRONMENTAL
            ENGINEERING; HEAT & MASS TRANSFER; INDUSTRIAL & SYSTEMS ENGINEERING; & MECHANICS & DESIGN.

           MECHANICAL ENGINEERING
        UNIVERSITY OF IDAHO, IDAHO
                            8    0     4    0    11    0     7    0     4    1      9          4        13       NO        N/A
          BRIEF PROGRAM DESCRIPTION
            STUDY IS DESIGNED TO EXTEND THE STUDENT'S UNDERSTANDING OF THE FUNDAMENTAL ENGINEERING SCIENCES,
            THEIR APPLICATION TO ENGINEERING SYSTEMS DESIGN AND ANALYSIS. RESEARCH PROGRAMS IN THE DEPARTMENT
            INCLUDE THERMODYNAMIC PROPERTIES, EMISSION STUDIES FROMINTERNAL COMBUSTION AND GAS TURBINE ENGINES,
            ENGINEERING MATERIALS, THERMODYNAMIC SYSTEMS ANALYSIS,  FRACTURE MECHANICS, VIBRATIONS, SOLAR
            ENERGY, GEOTHERMAL ENERGY, AND SELECTED TOPICS FOR MECHANICALDESIGN.

           MECHANICAL ENGINEERING
        MONTANA STATE UNIVERSITY, MONTANA
                            4    1     6    0     4    1     7    0     2    0                         10       NO        N/A
          BRIEF PROGRAM DESCRIPTION
            THE LABORATORIES OF THE DEPARTMENT ARE WELL EQUIPPED TO CARRY ON RESEARCH IN TURBULENCE, HIGH
            TEMPERATURE HEAT EXCHANGERS, HEAT TRANSFER, MATERIAL SCIENCE, MACHINE DESIGN, BIO-MECHANICS AND
            INTERNAL-COMBUSTION ENGINES.

           MECHANICAL ENGINEERING
        NM STATE U MAIN CAMPUS, NEW MEXICO
                            2    1     4    3     3    0     4    0     3    0                         22       NO        N/A
          BRIEF PROGRAM DESCRIPTION
            THERMAL SCIENCES (THERMODYNAMICS AND HEAT TRANSFER), APPLIED MECHANICS (SOLID AND FLUID
            MECHANICS),ENGINEERING ANALYSIS (APPLIED MATHEMATICS). ADMISSION REQUIREMENTS-MINIMUM-UNDERGRADUATE
            DEGREE EQUIVALENT TO BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING AT NMSU. GRAD. GPA-3.3, UGRAD.
            GPA-3.0, GRE  APTITUDE. CAREERS-ENGINEERS, RESEARCHERS, HIGHER  EDUCATION FACULTY.
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HEGIS CATEGORY: 0900 ENGINEERING

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0910	MECHANICAL ENGINEERING OREGON STATE UNIVERSITY, OREGON	13	6	12	4	11	2	15	3	11	3	35	6	41	NO	N/A

BRIEF PROGRAM DESCRIPTION

ACTIVE RESEARCH PROGRAMS EXIST IN TRADITIONAL MECHANICAL ENGINEERING FIELDS SUCH AS THERMODYNAMICS.FLUID MECHANICS, STRESS ANALYSIS. HEAT TRANSFER, AND MATERIALS SCIENCE. ADDITIONAL RESEARCH, INCLUDES WIND ENGINEERING. SOLAR ENERGY SYSTEMS, GEOTHERMAL ENERGY, WASTE HEAT UTILIZATION, TRANSPORTATION SYSTEMS, WOOD COMBUSTION TECHNOLOGY, FLUIDIZED BED HEAT TRANSFER, AND AIR POLLUTION CONTROL.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	MECHANICAL ENGINEERING BRIGHAM YOUNG U MAIN CAM, UTAH	17	0	21	1	16	2	11	0	27	0				YES	NO

BRIEF PROGRAM DESCRIPTION

INTERDEPARTMENTAL PROGRAM. FIELDS: APPLIED MECHANICS, MACHINE DESIGN, MANUFACTURING, NUCLEAR ENGINEERING, THERMOSCIENCES.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	MECHANICAL ENGINEERING UNIVERSITY OF UTAH, UTAH	9	2	7	2	10	2	15	1	7	0			33	NO	N/A

BRIEF PROGRAM DESCRIPTION

PH.D. DEGREE IN MECHANICAL AND INDUSTRIAL ENGINEERING. INTERDISCIPLINARY PH.D. DEGREE IN MATERIALS SCIENCE AND ENGINEERING. AREAS OF SPECIALIZATION: MECHANICS. FLUID MECHANICS, HEAT TRANSFER, NUCLEAR ENGINEERING, SYSTEMS ENGINEERING, THERMODYNAMICS.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	MECHANICAL ENGINEERING UTAH STATE UNIVERSITY, UTAH	28	0	15	0	5	1	4	2	11	2			23	NO	N/A

BRIEF PROGRAM DESCRIPTION

ENERGY SYSTEMS, ENERGY CONVERSION (INCLUDING SOLAR ENERGY) THERMODYNAMICS, HEAT AND MASS TRANSFER, APPLIED MECHANICS (INCLUDING BURIED STRUCTURES), AND SYSTEM DESIGN. ALSO AN OPTION IN MANUFACTURING ENGINEERING. PROFESSIONAL CAREER PREPARATION IN ENGINEERING CONSULTING, DESIGN, RESEARCH, ETC. PREREQS: BS DEGREE FROM ACCREDITED INSTITUTION. ACCEPTABLE GPA, GRE AND ADVANCED GRE IN ENGINEERING RECOMMENDED.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	MECHANICAL ENGINEERING UNIVERSITY OF WASHINGTON, WASHINGTON	16	7	25	5	22	1	17	5	23	5	52	25	77	NO	N/A

BRIEF PROGRAM DESCRIPTION

VARIOUS FIELDS OF SPECIALIZATION PROVIDE OPPORTUNITIES FOR ADVANCED WORK FOR STUDENTS SPECIALIZING IN TOPICS OF THEIR OWN PARTICULAR INTEREST. THESE FIELDS INCLUDE HEAT TRANSFER, THERMODYNAMICS. FLUID MECHANICS, ACOUSTICS, MATERIALS, HUMAN FACTORS, MANUFACTURING PROCESSES, CONTROLS, BIOENGINEERING,AND OCEAN ENGINEERING.

HEGIS CATEGORY: 0900 ENGINEERING

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0910	MECHANICAL ENGINEERING UNIVERSITY OF WYOMING, WYOMING	5	1	3	2	11	0	0	1	2	0			14	NO	N/A

BRIEF PROGRAM DESCRIPTION

THERMODYNAMICS, FLUID MECHANICS, SOLID MECHANICS AND MECHANICAL DESIGN (THIS INCLUDES MATH) CONTINUUM MECHANICS, VISCOUS FLOW, ENERGY METHODS AND THERMODYNAMICS. SPONSORS RESEARCH IN AREAS FROM INCLEMENT WEATHER ENGINEERING TO LABORATORY AND NUMERICAL MODELING OF EXTRACTION PROCESSES FOR FOSSIL FUE

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	MECHANICAL ENGINEERING UNIVERSITY OF COLORADO, COLORADO	8	1	6	2	7	2	2	0	11	0			33	NO	N/A

BRIEF PROGRAM DESCRIPTION

CURRICULAR EMPHASES OR SUBSPECIALTIES: MECHANICS, MATERIALS ENGINEERING, THERMAL ENGINEERING, GEOPHYSICS, PRIMARY CAREERS FOR WHICH STUDENTS ARE PREPARED UPON GRADUATION: TEACHING, RESEARCH, OR ADVANCED DEVELOPMENT IN THE BROAD DISCIPLINES OF MECHANICAL SCIENCE (SOLID & FLUID) OR THERMAL SCIENCE.SOLID & FLUID) OR THERMAL SCIENCE.

HEGIS CODE		1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL
0910	TOTAL	323	75	317	73	329	74	333	53	298	36	492	89	1055
	COUNT	19												

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0911	GEOLOGICAL ENGINEERING UNIVERSITY OF ARIZONA, ARIZONA	4	3	2	0	5	2	2	1	4	0	12	14	26	NO	N/A

BRIEF PROGRAM DESCRIPTION

ADVANCED WORK IS DIRECTED TOWARD RESEARCH AND PROFESSIONAL DEVELOPMENT IN SEVERAL FIELDS INCLUDING MINE PLANNING, GEOMECHANICS, OPERATIONS RESEARCH, AND THE DEVELOPMENT OF NEW EXTRACTIVE TECHNIQUES (IN DEPARTMENT OF MINING AND GEOLOGICAL ENGINEERING).

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	GEOLOGICAL ENGINEERING COLORADO SCHOOL OF MINES, COLORADO	1	1	0	0	10	3	2	5	6	0	61	22	83	YES	YES

BRIEF PROGRAM DESCRIPTION

A PROGRAM WITH A STRONG EMPHASIS ON BOTH APPLIED GEOLOGY & ENGINEERING. RESEARCH TOPICS INCLUDE SOIL & ROCK MECHANICS, POWER PLANT CITING, REMOTE SENSING & GEOTHERMAL SYSTEMS. MSC IN A RELATED FIELD.GRE INCLUDING ADVANCED GEOLOGY.

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HEGIS CATEGORY: 0900 ENGINEERING

                                  ***** EARNED DEGREES CONFERRED *****                                           MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

0911        GEOLOGICAL ENGINEERING
         UNIVERSITY OF UTAH, UTAH
                             0    1     1    1     1    0     0    0     1    0                             2      NO          N/A
           BRIEF PROGRAM DESCRIPTION
             SEE 1914 GEOLOGY.


0911     TOTAL

                             5    5     3    1    16    5     4    6    11    0      73         36       111


         COUNT

                             3



0912        GEOPHYSICAL ENGINEERING
         COLORADO SCHOOL OF MINES, COLORADO
                             4    5     4    4     7    2     6    2     4    0      65         17        82      YES         YES
           BRIEF PROGRAM DESCRIPTION
             EXPLORATION GEOPHYSICS APPLYING SEISMIC, GRAVITY,MAGNETIC & ELECTRICAL METHODS TO THE DISCOVERY
             OFMINERALS, ENERGY RESOURCES & ENVIRONMENTAL HAZARDS. MSC PLUS GRE APTITUDE.

0912     TOTAL

                             4    5     4    4     7    2     6    2     4    0      65         17        82


         COUNT

                             1



0913        INDUSTRIAL AND MANAGEMENT SYSTEMS ENGINEERING
         ARIZONA STATE UNIVERSITY, ARIZONA
                            39    6    22    5    23    3    17    5    21    4      44         38        82      NO          N/A
           BRIEF PROGRAM DESCRIPTION
             SPECIALIZATION IN THE RESEARCH AREA OF INDUSTRIAL& MANAGEMENT SYSTEMS ENGINEERING. GRADS ARE
             PREPARED FOR TEACHING, RESEARCH & MANAGER-LEVEL POSITIONS IN EDUCATIONAL INSTITUTIONS, PRIVATE
             INDUSTRY &GOVERNMENT. PREREQS: UNDERGRADUATE MAJOR IN ENGINEERING OR RELATED FIELD. ACCEPTABLE GRE
             SCORES.RES.
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HEGIS CATEGORY: 0900 ENGINEERING

***** EARNED DEGREES CONFERRED *****

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74		1974-75		1975-76		1976-77		1977-78		GRADUATE ENROLLMENT 1977-78			MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
		MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	FULL-TIME	PART-TIME	TOTAL		
0913	INDUSTRIAL ENGINEERING AND ENGINEERING MANAGEMENT STANFORD UNIVERSITY, CALIFORNIA BRIEF PROGRAM DESCRIPTION KNOWLEDGE AND PROCESSES REQUIRED TO MANAGE TECHNICALLY BASED ENTERPRISES-INCLUDING MAN-MACHINE SYSTEMS, TRANSPORTATION MANAGEMENT, ENGINEERING ECONOMY, AND MANAGEMENT SYSTEMS.	91	25	78	16	92	14	60	10	80	2			99	NO	N/A
	INDUSTRIAL ENGINEERING U OF CAL BERKELEY, CALIFORNIA	26	17	34	9	39	8	38	6	0	0	91	0	91	YES	NO
	INDUSTRIAL AND SYSTEMS ENGINEERING U OF SOUTHERN CALIFORNIA, CALIFORNIA BRIEF PROGRAM DESCRIPTION TECHNICAL ECONOMIC PLANNING; HUMAN ENGINEERING; PRODUCTION ENGINEERING; SYSTEMS ENGINEERING; COMPUTER APPLICATIONS. PREREQUISITES: GRE APTITUDE AND ADVANCED; M.S. USUALLY.	4	0	16	0	11	0	13	1	20	0			60	NO	N/A
	INDUSTRIAL AND GENERAL ENGINEERING OREGON STATE UNIVERSITY, OREGON BRIEF PROGRAM DESCRIPTION FIELDS OFFERED ARE ENGINEERING ECONOMICS, HUMAN ENGINEERING ECONOMICS, HUMAN ENGINEERING, OPERATIONS RESEARCH, MANUFACTURING INFORMATION SYSTEMS, PRODUCTION CONTROL, PROJECT PLANNING AND MANAGEMENT, SYSTEMS SIMULATIONS, INDUSTRIAL SAFETY, AND WORK DESIGN.	3	2	10	1	6	1	6	2	4	0	12	6	18	NO	N/A
0913	TOTAL	163	50	160	31	171	26	134	24	125	6	147	44	350		
	COUNT	5														
0914	METALLURGICAL ENGINEERING COLORADO SCHOOL OF MINES, COLORADO BRIEF PROGRAM DESCRIPTION INCLUDES STUDY & RESEARCH IN MINERAL BENEFICIATION, EXTRACTIVE METALLURGY & PHYSICAL METALLURGY. WELL EQUIPPED LABORATORIES FOR RESEARCH IN FLOTATION. MASS SPECTROMATRIC STUDIES, WELDING, FOUNDRY, ELECTRON MICROSCOPY & TESTING. MSC & GRE APTITUDE.	8	4	13	4	11	2	6	0	10	4	40	20	60	YES	NO

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HEGIS CATEGORY: 0900 ENGINEERING

                              *****  EARNED DEGREES CONFERRED  *****                                           MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

0914        METALLURGICAL ENGINEERING
       UNIVERSITY OF WASHINGTON, WASHINGTON
                             5    0     7    4     4    2     3    2     2    1     18         12        30        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           THE PROGRAM ENCOMPASSES A VARIETY OF COURSES AND RESEARCH PROGRAMS RELATED TO THE PHYSICAL AND
           CHEMICAL ASPECTS OF ENGINEERING MATERIALS AND MATERIALS  SCIENCE. ACTIVE RESEARCH PROGRAMS ARE
           UNDERWAY ON  PHASE TRANSFORMATIONS IN SOLIDS, PLASTIC DEFORMATION AND FRACTURE, RELATIONSHIPS
           BETWEEN PROPERTIES  AND MICROSTRUCTURES, SURFACE PHENOMENA, THERMOLUMINESCENT MATERIALS, DIFFUSION,
           ELECTRON MICROSCOPY, DISSOLUTIN KINETICS, AND LIQUID-SOLID SUSPENSIONS.

0914   TOTAL

                            13    4    20    8    15    4     9    2    12    5     58         32        90

       COUNT

                             2


0915        MATERIALS SCIENCE AND ENGINEERING
       STANFORD UNIVERSITY, CALIFORNIA
                            14    8    10   14    17    9    30   12    22    8                          91        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           THE RELATION BETWEEN THE STRUCTURE AND PROPERTIESOF MATERIALS, FACTORS WHICH CONTROL THE INTERNAL
           STRUCTURE OF MATERIALS, AND PROCESSES FOR ALTERINGTHE STRUCTURE AND PROPERTIES OF SOLIDS. STUDIES
           INCLUDE PHYSICAL METALLURGY, CERAMICS, AND THE PHYSICS AND CHEMISTRY OF SOLIDS.

            MATERIALS ENGINEERING
       U OF CAL BERKELEY, CALIFORNIA
                            23   11    25   17    29   15    27   16     0    0    128          0       128        YES        NO


            MATERIALS SCIENCE AND ENGINEERING
       UNIVERSITY OF UTAH, UTAH
                             0    5     1    3     5    6     7    6     6    3                          24        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           THE PH.D. IN MATERIALS SCIENCE AND ENGINEERING IS  INTERDISCIPLINARY, ADMINISTERED BY THE
           INTERDISCIPLINARY MATERIALS COMMITTEE. AREAS OF SPECIALIZATION, GENERAL AREAS: MATERIALS SCIENCE,
           MATERIALS ENGINEERING, CERAMIC ENGINEERING, POLYMERS, BIOMATERIALS, SOLID STATE SCIENCE, SURFACE
           SCIENCE, AND PHYSICAL METALLURGY.
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HEGIS CATEGORY: 0900 ENGINEERING

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                                   *****  EARNED DEGREES CONFERRED  *****                                           MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

0915     TOTAL

                             37   24    36   34    51   30    64   34    28   11     128          0       243


         COUNT

                              3



0916       CERAMIC ENGINEERING
         UNIVERSITY OF WASHINGTON, WASHINGTON
                              8    4     4    0     3    1     3    1     3    0      16          5        21      NO        N/A
          BRIEF PROGRAM DESCRIPTION
            THE PROGRAM IS ORIENTED TOWARD DEVELOPING IN THE STUDENT A SOUND SCIENTIFIC BASIS FOR
            UNDERSTANDINGTHE PROPERTIES, PROCESSING, AND USE OF CERAMIC MATERIAL. SOME OF THE CURRENT AREAS OF
            RESEARCH INTEREST ARE IN ULTRAVIOLET PHOTOLYSIS, SURFACE DIFFUSION, INTERFACIAL ENERGY, INTERNAL
            STRESSES, FERROELECTRICS, CHEMICAL BONDING IN REFRACTORY MATERIALS.  INITIAL STAGES OF SINTERING,
            PARTICLE COMPACTION,  AND CARBON AND GRAPHITE MATERIALS.

0916     TOTAL

                              8    4     4    0     3    1     3    1     3    0      16          5        21


         COUNT

                              1



0918       MINING ENGINEERING
         UNIVERSITY OF ARIZONA, ARIZONA
                              1    0     1    0     1    0     2    0     2    0       7          6        13      NO        N/A
          BRIEF PROGRAM DESCRIPTION
            ADVANCED WORK IS DIRECTED TOWARD RESEARCH AND PROFESSIONAL DEVELOPMENT IN SEVERAL FIELDS INCLUDING
            MINE PLANNING, GEOMECHANICS, OPERATIONS RESEARCH, AND THE DEVELOPMENT OF NEW EXTRACTIVE TECHNIQUES.

           MINING ENGINEERING
         COLORADO SCHOOL OF MINES, COLORADO
                              0    0     9    1     3    1     2    0     9    1      21          2        23      YES       NO
          BRIEF PROGRAM DESCRIPTION
            STUDY & RESEARCH IN MINE PLANNING & DEVELOPMENT, SAFETY & VENTILATION, APPLIED ROCK MECHANICS &
            MINING METHODS. UTILIZES EXPERIMENTAL MINE PLUS RESEARCH AT OPERATING SITES, MSC & GPE APTITUDE.
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HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
0918	MINING ENGINEERING AND METALLURGY UNIVERSITY OF IDAHO, IDAHO BRIEF PROGRAM DESCRIPTION GENERAL REQUIREMENTS APPLY. EXTRA STUDY IN MINING,METALLURGY AND GEOLOGY MAY BE REQUIRED. B.S. IN MINERAL ENGINEERING OR METALLURGICAL ENGINEERING REQUIRED.XTRA STUDY IN MINING, METALLURGY AND GEOLOGY MAY BE REQUIRED.	0	0	1	1	0	1	0	0	2	1	2	0	2	NO	N/A
	MINING ENGINEERING UNIVERSITY OF UTAH, UTAH BRIEF PROGRAM DESCRIPTION OPERATIONS RESEARCH, ROCK MECHANICS, SLOPE STABILITY, MINE VENTILATION AND AIR CONDITIONING, AND SOLUTION MINING.	2	0	0	0	0	0	1	0	4	0			4	NO	N/A
	MINERAL ENGINEERING UNIVERSITY OF WYOMING, WYOMING BRIEF PROGRAM DESCRIPTION TRAINING FOR PARTICIPATION IN ASPECTS OF MINERAL PRODUCTION AND DEVELOP ABUNDANT SUPPLIES OF LOW COST MINERAL PRODUCTS, AND TO ENCOURAGE MAXIMUM UTILIZATION AND PROCESSING OF COMESTIC MINERALS. TOOLS AND/OR FOREIGN LANGUAGE MAY BE REQUIRED AFTER CONSULTATION WITH GRADUATE COMMITTEE.	0	0	0	0	0	0	0	0	0	2			3	NO	N/A
0918	TOTAL	3	0	11	2	4	2	5	0	17	4	30	8	45		
	COUNT	5														
0919	APPLIED PHYSICS CAL INST OF TECHNOLOGY, CALIFORNIA	10	0	5	7	7	7	10	8	11	10	53	1	54	NO	N/A

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HEGIS CATEGORY: 0900 ENGINEERING

                              *****  EARNED DEGREES CONFERRED  *****                                              MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0919        ENGINEERING PHYSICS
       U OF CAL SAN DIEGO, CALIFORNIA
                             0    0     0    0     5   11     6    4     2    4      16           3        19       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           INCLUDES MATERIAL ANALYSIS, X-RAY TECHNIQUES, OPTICAL AND ELECTRON MICROSCOPY, AND METALLOGRAPHY AND
           SUPERCONDUCTORS AND PHYSICS OF METALS AND ALLOY IS INCLUDED. APPLICANTS WITH UNDERGRADUATE MAJORS IN
           APPLIED MATHEMATICS, PHYSICS, AND COMPUTER SCIENCE, ELECTRICAL ENGINEERING, ENGINEERING PHYSICS,
           ENGINEERING SCIENCE, MATH, OR PHYSICS WILL BE CONSIDERED.

0919   TOTAL

                            10    0     5    7    12   18    16   12    13   14      69           4        73


       COUNT

                             2



0920        NUCLEAR ENGINEERING
       UNIVERSITY OF ARIZONA, ARIZONA
                             7    3     2    2     5    0     4    3     5    2      20          19        39       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PREPARES THE STUDENT FOR ADVANCED STUDY AND RESEARCH IN VARIOUS APPLICATIONS OF NUCLEAR ENERGY
           INCLUDING THE ANALYSIS AND DESIGN OF FISSION AND FUSION  REACTORS, THE DYNAMICS OF NUCLEAR SYSTEMS,
           THE INTERACTION OF RADIATION WITH MATTER, AND THE MANY SPECIALIZED USES OF ISOTOPES.

            NUCLEAR ENGINEERING
       U OF CAL BERKELEY, CALIFORNIA
                            17    8    23    8    13   10    20    5     0    0      82           0        82       YES         NO


            NUCLEAR ENGINEERING
       OREGON STATE UNIVERSITY, OREGON
                             0    0     4    1     1    2     9    1     3    0      16           2        18       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           EMPHASIS IS PLACED UPON EXPERIMENTAL REACTOR ENGINEERING, NUCLEAR POWER GENERATION, NUCLEAR FUEL
           MANAGEMENT, NUCLEAR REACTOR ANALYSIS, AND NEUTRON RADIOGRAPHY.

            NUCLEAR ENGINEERING
       UNIVERSITY OF UTAH, UTAH
                             2    0     1    1     1    0     2    0     1    0                                6       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           SEE 0910 MECHANICAL ENG.
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HEGIS CATEGORY: 0900 ENGINEERING

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74		1974-75		1975-76		1976-77		1977-78		GRADUATE ENROLLMENT 1977-78			MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
		MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	FULL-TIME	PART-TIME	TOTAL		
0920	NUCLEAR ENGINEERING UNIVERSITY OF WASHINGTON, WASHINGTON	17	5	17	2	12	4	12	2	14	0	34	15	49	NO	N/A
	BRIEF PROGRAM DESCRIPTION THE PROGRAM INCLUDES COURSES IN REACTOR THEORY,REACTOR ENGINEERING,NUCLEAR MATERIALS, & REACTOR DESIGN AS WELL AS SUPPORTING COURSES IN MATHEMATICS,PHYSICS & ENGINEERING SCIENCES. A UNIQUE LAB COURSE INTRODUCES THE STUDENT TO IMPORTANT RESEARCH TECHNIQUES, INVOLVING THE USE OF A 100 KW NUCLEAR REACTOR, PULSED NEUTRON GENERATORS, A HELICAL NEUTRON MONOCHROMETER, AN ELECTROMAGENTICALLY DRIVEN PILEOSCILLATOR, PILE NOISE ANALYSIS EQUIPMENT & LIQUIDMETAL & BOILING WATER HEAT TRANSFER LOOPS.															
0920	TOTAL	43	16	47	14	32	16	47	11	23	2	152	36	194		
	COUNT	5														
0921	ENGINEERING MECHANICS UNIVERSITY OF ARIZONA, ARIZONA	0	1	0	0	0	1	1	0	0	0	1	1	2	NO	N/A
	BRIEF PROGRAM DESCRIPTION WORK IS DIRECTED TOWARD RESEARCH AND PROFESSIONAL DEVELOPMENT IN SUCH AREAS AS APPLIED MECHANICS, ENGINEERING MATERIALS, REGIONAL DEVELOPMENT AND URBAN PLANNING, HIGHWAY ENGINEERING HYDRAULICS AND FLUID DYNAMICS, SANITARY AND ENVIRONMENTAL ENGINEERING, SOIL MECHANICS AND SOILS ENGINEERING, SURVEYING AND MAPPING, WATER RESOURCES, STRUCTURAL ENGINEERING, AND TRANSPORTATION.															
	APPLIED MECHANICS CAL INST OF TECHNOLOGY, CALIFORNIA	2	3	4	2	5	1	2	4	5	2	15	0	15	NO	N/A
	APPLIED MECHANICS STANFORD UNIVERSITY, CALIFORNIA	8	7	8	5	6	5	3	4	1	3			16	NO	N/A
	BRIEF PROGRAM DESCRIPTION SUBJECT AREAS WITHIN ENGINEERING WHICH ARE, IN THEIR ESSENTIAL NATURE, BROADER THAN THE CONFINES OF A PARTICULAR BRANCH OF ENGINEERING.															

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HEGIS CATEGORY: 0900 ENGINEERING

                                  ***** EARNED DEGREES CONFERRED  *****                                     MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0921        ENGINEERING MECHANICS
         U OF CAL SAN DIEGO, CALIFORNIA
                             10   11    10    8     0    0     0    0     0    0                                 NO          N/A
           BRIEF PROGRAM DESCRIPTION
             PROGRAM INCLUDES VARIOUS METHODS OF ANALYSIS WITH  EMPHASIS ON APPLICATION. STRUCTURAL ANALYSIS,
             SOLID MECHANICS, LASERS AND RELATED AREAS OF SPECIALIZATION CHARACTERIZE THE DEGREE. THE GRADUATE
             RECORD EXAMINATION IS RECOMMENDED. SOUND MATHEMATICAL AND PHYSICAL SCIENCE BACKGROUNDS ARE REQUIRED
             AS WELL AS THREE LETTERS OF RECOMMENDATION.

0921     TOTAL

                             20   22    22   15    11    7     6    8     6    5      16          1        33


         COUNT

                              4




0922        ENVIRONMENTAL ENGINEERING SCIENCE
         CAL INST OF TECHNOLOGY, CALIFORNIA
                              8    2    10    2     6    6     6    4     7    4      20          0        20       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             THE PURPOSE OF THE PH.D. PROGRAM IS TO PREPARE STUDENTS FOR CAREERS OF SPECIALIZED RESEARCH,
             ADVANCED ENGINEERING, PLANNING, AND MANAGEMENT IN VARIOUS  ASPECTS OF THE ENVIRONMENT INCLUDING, FOR
             EXAMPLE, ENVIRONMENT-ENERGY RELATIONSHIPS. THE ENVIRONMENTAL ENGINEERING SCIENCE PROGRAM IS NOT
             DESIGNED TO  TRAIN ENVIRONMENTAL GENERALISTS.

0922     TOTAL

                              8    2    10    2     6    6     6    4     7    4      20          0        20


         COUNT

                              1
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HEGIS CATEGORY: 0900 ENGINEERING

                            ***** EARNED DEGREES CONFERRED *****                                           MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74   1974-75   1975-76   1976-77   1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0923        NAVAL ARCHITECTURE
       U OF CAL BERKELEY, CALIFORNIA
                            7    2    8    0   14    3   12    2    0    0     21          0        21       YES         NO



0923    TOTAL

                            7    2    8    0   14    3   12    2    0    0     21          0        21


        COUNT

                            1



0924        OCEAN ENGINEERING
       U OF HAWAII AT MANOA, HAWAII
                            7    2    4    1    8    2   10    1    6    2      8         15        23       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           COASTAL AND HARBOR ENGINEERING, MARINE STRUCTURES,  NAVAL ARCHITECTURE, AND OCEAN ACOUSTICS.
           GRADUATES ARE PREPARED FOR CAREERS IN RESEARCH IN UNIVERSITIES, INDUSTRY AND GOVERNMENT. PREREQS:
           GRE: M.S.  IN ENGINEERING OR BY SPECIAL EXAMINATION.

0924    TOTAL

                            7    2    4    1    8    2   10    1    6    2      8         15        23


        COUNT

                            1



0926        MATERIALS SCIENCE
       U OF SOUTHERN CALIFORNIA, CALIFORNIA
                            4    8    8    6    8    7    4    3    5    2                          33       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           SOLID STATE THEORY: THERMODYNAMICS AND STATISTICAL  MECHANICS: STRUCTURAL ANALYSIS: IMPERFECTIONS
           AND  SOLID STATE REACTIONS: MECHANICAL BEHAVIOR: MATERIALS PREPARATION: METALLURGY: CERAMICS:
           SEMICONDUCTORS, MAGNETICS AND DIELECTRICS: POLYMERS. PREREQUISITES: GRE APTITUDE: B.S.
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HEGIS CATEGORY: 0900 ENGINEERING

                                ***** EARNED DEGREES CONFERRED *****                                          MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/   1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION     MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

0926     TOTAL

                           4    8     8    6     8    7     4    3     5    2       0         0        33



         COUNT

                           1




0999        ENGINEERING SCIENCE
         ARIZONA STATE UNIVERSITY, ARIZONA
                           2    0     1    0     4    1     3    0     3    1      15         7        22        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             SPECIALIZATION IN THE RESEARCH AREA OF ENGINEERING  SCIENCE. GRADS ARE PREPARED FOR TEACHING,
             RESEARCH & MANAGER-LEVEL POSITIONS IN EDUCATIONAL INSTITUITUTIONS, PRIVATE INDUSTRY, AND GOVERNMENT.
             PREREQERGRADUATE MAJOR IN ENGINEERING OR RELATED FIELD.IFLD, ACCEPTABLE GRE SCORES.

            SYSTEMS ENGINEERING
         UNIVERSITY OF ARIZONA, ARIZONA
                           8    0     6    0     8    1     7    1     8    1      29        10        39        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             STUDENT WITH AN UNDERGRADUATE MAJOR IN ENGINEERING, MATHEMATICS, OR PHYSICS MAY BE ADMITTED
             DIRECTLYINTO THE PROGRAM, BUT STUDENTS FROM OTHER DISCIPLINES MAY BE REQUIRED TO SATISFY
             DEFICIENCIES WITHOUT GRADUATE CREDIT. THE DEPARTMENT OF SYSTEMS AND INDUSTRIAL ENGINEERING OFFERS
             PROGRAMS LEADING TO THE MASTER OF SCIENCE DEGREE WITH MAJORS IN SYSTEMSENGINEERING OR INDUSTRIAL
             ENGINEERING AND LEADING  TO THE DOCTOR OF PHILOSOPHY DEGREE WITH A MAJOR IN SYSTEMS ENGINEERING.

            ENGINEERING ECONOMIC SYSTEMS
         STANFORD UNIVERSITY, CALIFORNIA
                          19    8    23   10    33    8    29   10    40   13                          129        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             PREPARING INDIVIDUALS FOR CAREERS DEALING WITH THE  ANALYSIS, PLANNING, OPERATION, AND CONTROL OF
             LARGE-SCALE TECHNOLOGICAL-ECONOMIC AND SOCIO-ECONOMIC  SYSTEMS.

            OTHER ENGINEERING
         U OF CAL SAN DIEGO, CALIFORNIA
                          11    6     0    0     0    0     4    8     5    0      55        11        66        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             THE APPLIED PHYSICS PROGRAM INCLUDES RADIO ASTRONOMY AND SPACE PHYSICS, MATERIALS SCIENCE,
             PARTICULARLY APPLIED SOLID STATE, PHYSICS AND APPLIED OPTICS. ANY STRONG BACKGROUND IN MATHEMATICS
             OR SCIENCE  IS REQUIRED. SATISFACTORY GRADUATE RECORD EXAMINATION SCORES AND THREE LETTERS OF
             RECOMMENDATION ARE REQUIRED.
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HEGIS CATEGORY: 0900 ENGINEERING

		***** EARNED DEGREES CONFERRED *****										GRADUATE ENROLLMENT 1977-78			MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
		1973-74		1974-75		1975-76		1976-77		1977-78						
HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	FULL-TIME	PART-TIME	TOTAL		
0999	TOTAL	40	14	30	10	45	10	43	19	56	15	99	28	256		
	COUNT	4														
CATEGORY TOTAL		2688	770	2867	715	2980	700	2894	639	2349	465	3913	1121	10045		
	COUNT	137														

WICHE DOCTORAL PROGRAM INVENTORY
MAY 1979

HEGIS CATEGORY: 1000 FINE AND APPLIED ARTS

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
1001	FINE ARTS UNIVERSITY OF JUDAISM, CALIFORNIA	0	1	0	0	0	0	0	0	0	0	70	38	108	NO	N/A
1001	TOTAL	0	1	0	0	0	0	0	0	0	0	70	38	108		
	COUNT	1														
1002	PRACTICE OF ART STANFORD UNIVERSITY, CALIFORNIA	12	4	9	2	12	5	11	3	5	3			36	NO	N/A

BRIEF PROGRAM DESCRIPTION

PAINTING, SCULPTURE, LITHOGRAPHY, AND PHOTOGRAPHY. NOTE: THOUGH THE ART DEPARTMENT DOES GRANT A DOCTORATE IN ART HISTORY, THERE IS NO DOCTOR'S DEGREEFOR PRACTICING ARTIST. DEGREE CONFERRAL AND ENROLLMENT FIGURES ARE FOR THE ENTIRE ART DEPARTMENT.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
1002	TOTAL	12	4	9	2	12	5	11	3	5	3	0	0	36		
	COUNT	1														
1003	ART HISTORY AND APPRECIATION U OF CAL BERKELEY, CALIFORNIA	13	4	10	7	14	5	11	11	0	0	48	0	48	YES	NO

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HEGIS CATEGORY: 1000 FINE AND APPLIED ARTS

                         ***** EARNED DEGREES CONFERRED *****                                          MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78 CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1003       ART HISTORY
         U OF CAL LOS ANGELES, CALIFORNIA
                            0    4     0    1     5    5     0    7     3   15                          20       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             THE PH.D. OFFERED IN ART HISTORY, REQUIRES FOUR TO  FIVE YEARS FOR COMPLETION. ON-CAMPUS FACILITIES
             AVAILABLE TO ART DEPARTMENT STUDENTS PROVIDE UNEQUALED SOURCES OF STUDY AND VISUAL ARTS MATERIALS.
             THE M.A. IN ART HISTORY FROM UCLA OR ITS EQUIVALENT  IS REQUIRED FOR ADMISSION TO THE PH.D. PROGRAM.

           ART HISTORY
         U OF SOUTHERN CALIFORNIA, CALIFORNIA
                            1    0     3    0     2    0     2    0     2    0                          17       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             GEOGRAPHICALLY OR HISTORICALLY CONTIGUOUS AREAS OF  EMPHASIS FOR TEACHING OR CURATORSHIP.
             PREREQUISITES: GRE APTITUDE, AM IN ART HISOTRY.

           ART HISTORY
         U OF OREGON MAIN CAMPUS, OREGON
                            5    0     0    0     3    1     2    0     9    0      14          6         20       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             CLASSICAL, MEDIEVAL, RENAISSANCE, MODERN AND ORIENTAL ART, HISTORY OF ARCHITECTURE. PREPARATION FOR
             CAREERS IN ACADEMIC RESEARCH AND TEACHING, MUSEUMWORK. PREREQUISITES FOR PH.D. PROGRAM: EQUIVALENT
             OF UNIVERSITY OF OREGON M.A., ART HISTORY; WORKING KNOWLEDGE OF FRENCH AND GERMAN; DEMONSTRATION
             OFRESEARCH ABILITIES.

           ART HISTORY & APPRECIATION
         UNIVERSITY OF WASHINGTON, WASHINGTON
                            0    1     0    0     0    0     8    4     3    1      22         24         46       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             THE PROGRAM IS ADMINISTERED BY AN INTERDISCIPLINARY ART HISTORY GROUP OF THE GRADUATE SCHOOL.
             STUDENTS WISHING TO PREPARE THEMSELVES FOR PROFESSIONAL  WORK IN TEACHING OR RESEARCH IN THE FIELD
             OF ART  HISTORY WITH A VIEW TO WORKING IN UNIVERSITIES OR  MUSEUMS ARE ENCOURAGED TO PLAN PROGRAMS
             IN FIELDSWHERE WE HAVE SPECIAL STRENGTHS. INCLUDING ASIAN,  CLASSICAL, PRIMITIVE AND TRIBAL,
             RENAISSANCE, BAROQUE AND MODERN ART.

           ART HISTORY
         U OF NM MAIN CAMPUS, NEW MEXICO
                            0    2     0    1     0    0     0    2     0    1                         121       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             PRE-COLUMBIAN ART AND ARCHITECTURE, SPANISH COLONIAL ART AND ARCHITECTURE, TRIBAL AND NATIVE
             AMERICAN ART, 19TH AND 20TH CENTURY ART AND ARCHITECTUREIN EUROPE AND THE WESTERN HEMISPHERE,
             HISTORY OF PHOTOGRAPHY AND GRAPHIC ARTS. PREREQUISITES: M.A. IN ART HISTORY OR LIBERAL ARRTS. CAREER
             PREPARATION: MUSEUM AND CURATORAL POSITIONS. TEACHING AT THEUNIVERSITY LEVEL.


1003     TOTAL

                           19   11    13    9    24   11    23   24    17   17      84         30        272
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HEGIS CATEGORY: 1000 FINE AND APPLIED ARTS

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                                ***** EARNED DEGREES CONFERRED *****                                                        MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78   CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL    ENROLLMENT   REACHED

         COUNT

                             6



1004        MUSIC PERFORMANCE
         UNIVERSITY OF ARIZONA, ARIZONA
                             6    9     11    0     11    7     11    7     15    7     68         15         83        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             PROGRAM IN MUSIC THEORY LEADS TO PH.D. DEGREE. PROGRAMS IN COMPOSITION, CONDUCTING, MUSIC EDUCATION
             AND PERFORMANCE LEAD TO THE DOCTOR OF MUSICAL ARTS DEGREE.

            MUSIC PERFORMING
         STANFORD UNIVERSITY, CALIFORNIA
                            20   11     12    8     19    8     12    7      8   17                           65        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             THEORY AND COMPOSITION; INDIVIDUAL PERFORMANCE; ENSEMBLE PERFORMANCE; RESEARCH. NOTE: THE MUSIC
             DEPARTMENT OFFERS GRADUATE DEGREES IN BOTH THE PRACTICE OF MUSIC AND THE STUDY OF MUSIC THEORY. THE
             DEGREE CONFERRAL AND ENROLLMENT STATISTICS LISTED ABOVE INCLUDE BOTH.

            MUSIC PERFORMING
         U OF SOUTHERN CALIFORNIA, CALIFORNIA
                            35    0     24    7     35   14     38   12     45   12                          228        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             PROFESSIONAL DEGREE IN CHORAL MUSIC OR CHURCH MUSIC OR COMPOSITION OR PERFORMANCE (CONDUCTING OR
             ORGAN OR PIANO OR HARPSICHORD OR VOCAL ARTS). PREREQUISITES: GRE APTITUDE, MUSIC GRADUATE ENTRANCE
             EXAMS; (CHORAL) 4 YEARS' CONDUCTING EXPERIENCE; (PERFORMANCE) PERSONAL AUDITION; BM AND MM.

            MUSIC PERFORMING
         U OF NORTHERN COLORADO, COLORADO
                            10    4      8    0     10    2     13    2     11    0                           15        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             THE PROGRAM LEADING TO THE DOCTOR OF ARTS DEGREE IS DESIGNED TO PREPARE PROFESSIONAL, ACADEMICALLY
             WELL-QUALIFIED TEACHING SCHOLARS FOR THE JUNIOR ANDSENIOR COLLEGE LEVEL. THE DEGREE IS AVAILABLE IN
             THE AREAS OF MUSIC HISTORY AND LITERATURE, THEORY AND COMPOSITION, MUSIC PERFORMANCE, CONDUCTING, OR
             PERFORMANCE AND PEDAGOGY.

            MUSIC
         U OF OREGON MAIN CAMPUS, OREGON
                            29    9     28    6     14    7     12    9     20    4     46         29         75        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             INCREASING ABILITY IN A SPECIFIC PERFORMANCE MEDIUM, WITH ITS APPLICATION TO AN EDUCATIONAL SETTING
             AND THE ORGANIZATION FOR TEACHING. CAREER PREPARATION FOR PROFESSIONAL PERFORMANCE CAREERS IN
             SYMPHONY ORCHESTRAS, OPERA COMPANIES, THE CONCERT STAGE, AND COLLEGE-LEVEL TEACHING. PREREQUISITES:
             MASTER'S DEGREE, APPROPRIATE EDUCATIONAL AND PERFORMANCE EXPERIENCE, ADVANCED STANDING IN A
             PERFORMANCE AREA, ACCEPTABLE GRE SCORES, 3.0 GRADUATE GPA.
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HEGIS CATEGORY: 1000 FINE AND APPLIED ARTS

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
1004	MUSIC BRIGHAM YOUNG U MAIN CAM, UTAH	13	1	7	0	10	0	17	2	12	1			30	NO	N/A
	BRIEF PROGRAM DESCRIPTION EMPHASIS IN THREE AREAS: (1) MUSIC EDUCATION, (2)MUSICOLOGY AND (3) MUSIC THEORY.															
	MUSIC UNIVERSITY OF UTAH, UTAH	2	2	5	1	8	1	5	2	9	1			6	NO	N/A
	BRIEF PROGRAM DESCRIPTION AREAS OF SPECIALIZATION: COMPOSITION: PH.D.; MUSIC EDUCATION PH.D.															
	MUSIC PERFORMING UNIVERSITY OF WASHINGTON, WASHINGTON	18	7	20	6	6	11	13	6	8	6	64	24	88	NO	N/A
	BRIEF PROGRAM DESCRIPTION GRADUATE PROGRAMS TAKE INTO CONSIDERATION THE DUAL NATURE OF MUSIC'S SUBJECT MATTER. AT THE DOCTORAL LEVEL EMPHASIS IS IN MUSICOLOGY: HISTORICAL, THEORETICAL, SYSTEMATIC, AND ETHNOMUSICOLOGICAL. AFTER BEING ADMITTED TO THE GRADUATE SCHOOL AS A MUSIC MAJOR, THE STUDENT MUST FURTHER QUALIFY FOR A SPECIFIC AREA OF SPECIALIZATION. ENTRANCE TO A PERFORMANCE MAJOR IS BY FACULTY AUDITION.															
	MUSIC D.M.A. UNIVERSITY OF COLORADO, COLORADO	19	9	16	3	31	8	28	13	27	5			113	NO	N/A
	BRIEF PROGRAM DESCRIPTION CURRICULAR EMPHASES OR SUBSPECIALTIES: COMPOSITION, LITERATURE & PERFORMANCE OF CHORAL MUSIC; ORGAN PERFORMANCE; PERFORMANCE, LITERATURE & PEDAGOGY OF PIANO, VOICE, STRINGS, WINDS & PERCUSSION; AND GROUP/CLASS PIANO PEDAGOGY. SPECIAL ADMISSIONS REQUIREMENTS: MASTER'S DEGREE IN MUSIC, OR EQUIVALENT.PRIMARY CAREERS: UNIVERSITY/COLLEGE TEACHING; PERFORMING, PRIVATE TEACHING.															
1004	TOTAL	152	52	131	31	144	58	149	60	155	53	178	68	703		
	COUNT	9														
1005	LIBERAL ARTS U OF CAL BERKELEY, CALIFORNIA	11	4	10	5	5	4	4	5	0	0	41	0	41	YES	NO

379

380

HEGIS CATEGORY: 1000 FINE AND APPLIED ARTS

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
1005	MUSIC (LIBERAL ARTS) U OF CAL LOS ANGELES, CALIFORNIA	9	6	15	9	13	4	9	5	12	6			93	NO	N/A
	BRIEF PROGRAM DESCRIPTION THE DEPARTMENT OF MUSIC OFFERS GRADUATE STUDIES LEADING TO THE M.A. AND PH.D. IN THE FIELDS OF HISTORICAL MUSICOLOGY, SYSTEMATIC MUSICOLOGY, ETHNOMUSICOLOGY, COMPOSITION AND MUSIC EDUCATION. FACILITIES INCLUDE THE MUSIC LIBRARY, WITH MORE THAN 20,000 BOOKS, 34,000 SCORES, AND 26,000 RECORDINGS, SUPPLEMENTED BY IMPORTANT ADDITIONAL MUSICAL HOLDINGS IN OTHER LIBRARIES, SUCH AS THE CLARK AND HUNTINGTON LIBRARIES.															
	LIBERAL ARTS U OF CAL SAN DIEGO, CALIFORNIA	3	1	13	1	5	1	10	2	15	4	38	6	44	NO	N/A
	BRIEF PROGRAM DESCRIPTION THE DEGREE INCLUDES THE FOLLOWING: EXPERIMENTAL STUDIES, COMPOSITION, PERFORMANCE, TECHNOLOGY, THEORETICAL STUDIES, MUSIC LITERATURE, AND COMPLEMENTARY DISCIPLINES. ACTIVE INNOVATIVE MUSIC-MAKING AND PERFORMANCES ARE REQUIRED. ADMISSIONS REQUIREMENTS INCLUDE PERFORMANCE TAPES, COMPOSITIONS AS APPROPRIATE, AND SUPPORTING MATERIALS SUCH AS ANALYTICAL PAPERS.															
	LIBERAL ARTS U OF CAL SANTA BARBARA, CALIFORNIA	6	1	8	3	12	2	7	2	0	0	25	4	29	NO	N/A
	BRIEF PROGRAM DESCRIPTION REQUIRES NOT LESS THAN 30 UNITS OF GRADUATE WORK IN MUSICOLOGY AND COMPOSITION. MUST DEMONSTRATE COMPETENCY IN MUSIC, HISTORY, THEORY, BIBLIOGRAPHY AND LITERATURE COVERING THE WHOLE RANGE OF MUSIC HISTORY AND THEORY.															
	MUSIC LIBERAL ARTS U OF SOUTHERN CALIFORNIA, CALIFORNIA	1	3	2	3	1	3	5	3	2	1			54	NO	N/A
	BRIEF PROGRAM DESCRIPTION ACADEMIC DEGREE IN MUSICOLOGY: HISTORICAL OR SYSTEMATIC (PHYSIOLOGY, PSYCHOLOGY, ACOUSTICS, AESTHETICS OR ETHNOMUSICOLOGY). PREREQUISITES: GRE APTITUDE, MUSIC GRADUATE ENTRANCE EXAMS; AB AND AM IN MUSIC; FRENCH AND GERMAN; PERFORMANCE IN AT LEAST ONEAPPLIED MUSIC FIELD.															
1005	TOTAL	30	15	48	21	36	14	35	17	29	11	104	10	261		
	COUNT	5														

HEGIS CATEGORY: 1000 FINE AND APPLIED ARTS

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
1006	MUSIC HISTORY & APPRECIATION UNIVERSITY OF WASHINGTON, WASHINGTON	0	0	0	0	2	3	4	4	6	5	39	19	58	NO	N/A

BRIEF PROGRAM DESCRIPTION

GRADUATE PROGRAMS TAKE INTO CONSIDERATION THE DUAL NATURE OF MUSIC'S SUBJECT MATTER. AT THE DOCTORAL LEVEL, EMPHASIS IS IN MUSICOLOGY: HISTORICAL, THEORETICAL, SYSTEMATIC AND ETHNOMUSICOLOGICAL. AFTER BEING ADMITTED TO THE GRADUATE SCHOOL AS A MUSIC MAJOR, THE STUDENT MUST FURTHER QUALIFY FOR A SPECIFIC AREA OF SPECIALIZATION. ENTRANCE TO THE MUSIC HISTORY OR THEORY MAJOR IS BY EXAMINATION.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	MUSICOLOGY UNIVERSITY OF COLORADO, COLORADO	3	2	3	0	0	0	0	2	0	1			7	NO	N/A

BRIEF PROGRAM DESCRIPTION

CURRICULAR EMPHASES OR SUBSPECIALTIES: CONCEPT-ORIENTED COURSE OF STUDY EMBRACING AREAS OF MUSICAL SCHOLARSHIP FROM CREATIVE THEORY TO HISTORICAL & EXPERIMENTAL RESEARCH: PROGRAMS IN THE VARIOUS HISTORICAL EPOCHS, THEORY, AESTHETICS & AMERICAN MUSIC.SPECIAL ADMISSIONS REQUIREMENTS: MASTER*S DEGREE EMPHASIZING HISTORICAL/THEORETICAL SUBJECTS, OR EQUIVALENT. PRIMARY CAREERS: UNIVERSITY/COLLEGE TEACHING: RESEARCHER, PERFORMER & OTHER MUSIC CAREERS.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
1006	TOTAL	3	2	3	0	2	3	4	6	6	6	39	19	65		
	COUNT	2														

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
1007	DRAMATIC ARTS STANFORD UNIVERSITY, CALIFORNIA	6	1	12	0	1	3	1	1	1	4			17	NO	N/A

BRIEF PROGRAM DESCRIPTION

CRITICISM, DIRECTING, THEATRE, HISTORY, AND DESIGN. CANDIDATES ARE EXPECTED TO PARTICIPATE BOTH AS ARTISTS AND AS SCHOLARS.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	DRAMATIC ARTS U OF CAL BERKELEY, CALIFORNIA	10	4	8	4	5	2	4	2	0	0	27	0	27	YES	NO

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HEGIS CATEGORY: 1000 FINE AND APPLIED ARTS

                           *****  EARNED DEGREES CONFERRED  *****                                                 MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74   1974-75   1975-76   1976-77   1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1007        DRAMATIC ART
        U OF CAL DAVIS, CALIFORNIA
                             1    0    2    1    5    1    7    0   13    0     34          0       34       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            METHODS AND MATERIALS IN THEATER RESEARCH, PRINCIPLES AND THEORIES OF THEATRICAL DESIGN,
            PLAYWRITING, ACTING, AND DIRECTING. GRADS MAY ENTER CAREERS IN EDUCATION, THEATER, FILM, VIDEO.
            PREREQ.: THREE  LETTERS OF RECOMMENDATION, RECENT WRITTEN WORK, AND GRE SCORES.

           THEATER ARTS
        U OF CAL LOS ANGELES, CALIFORNIA
                            56    3   78    4   98    5   75    1   65    0                          336       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            STUDENTS MAY SPECIALIZE IN THE FIELD OF THEATER OR  MOTION PICTURE/TELEVISION. STUDENTS WHOSE
            PREVIOUS PREPARATION IS IN OTHER FIELDS MAY BE REQUIRED TO COMPLETE CERTAIN UNDERGRADUATE WORK. THE
            PROGRAM  OF STUDY FOR THE PH.D. IN BOTH THEATER AND MOTION  PICTURE/TELEVISION INCLUDES STUDIES OF
            HISTORY, THEORY, AND CRITICISM. ONE FOREIGN LANGUAGE IS REQUIRED AND OTHER LANGUAGES ARE
            ADDITIONALLY REQUIRED  IF NEEDED FOR THE INDIVIDUAL'S STUDIES AND DISSERTATION SUBJECT.

           DRAMATIC ARTS
        U OF CAL SANTA BARBARA, CALIFORNIA
                            12    3    8    0   24    3    5    3    0    0     22                    22       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            CANDIDATES MUST PASS ORAL AND WRITTEN EXAMINATIONS  IN DRAMATIC LITERATURE, DRAMATIC THEORY AND
            CRITICISM, HISTORY AND THEORY OF ACTING AND DIRECTING,AND THEIR SPECIAL AREAS OF INTEREST; REQUIRES
            EXPERIENCE AS TEACHING ASSISTANT IN DRAMATIC ART.

           THEATRE
        UNIVERSITY OF DENVER, COLORADO
                            19    1   13    2   18    3   13    3    8    0                           31       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            ORIENTED TOWARD SCHOLARLY RESEARCH IN HISTORY OF THE THEATRE, DRAMATIC LITERATURE, & STAGE
            CRITICISM. SUCH RESEARCH IS ACCOMPANIED BY THE DEVELOPMENTOF PROFESSIONAL COMPETENCE IN A
            SPECIALIZED AREA OF PRACTICAL THEATRE (PRINCIPALLY DIRECTING). PREREQUISITES INCLUDE MAJOR WORK IN
            THEATRE AT THE MASTER'S LEVEL OR EQUIVALENT WORK IN A CLOSELY RELATED  FIELD.

           DRAMA & THEATRE
        U OF HAWAII AT MANOA, HAWAII
                            18    1   11    1    8    0    7    1   12    0     34         12       46       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THEATRE HISTORY, CRITICISM OR THEORY IN WESTERN THEATRE, ASIAN THEATRE, COMPARATIVE ASIAN-WESTERN
            THEATRE. GRADUATES ARE PREPARED FOR CAREERS IN TEACHING. PREREQS: GRE; STATEMENT OF DISSERTATION
            RESEARCH PROPOSAL; THREE LETTERS FROM PEOPLE ACQUAINTED  WITH THEIR ACADEMIC WORK; SAMPLE OF
            RESEARCH.
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HEGIS CATEGORY: 1000 FINE AND APPLIED ARTS

                                    ***** EARNED DEGREES CONFERRED *****                                                  MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1007        THEATRE AND CINEMATIC & ARTS
       BRIGHAM YOUNG U MAIN CAM, UTAH
                            30    0    4    0    7    0   10    1    7    0                             33       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE THEATRE AND CINEMATICS ARTS DEPARTMENT REQUIRES 45 HOURS IN THEATRE AND CINEMATIC ARTS, 15 HOURS
           IN A MINOR, PLUS A DISSERTATION. THREE KINDS OF DISSERTATION RESEARCH WILL BE ACCEPTED: (1)
           SCHOLARLY ANALYSIS OF THEATRE AND/OR MOTION PICTURE/TELEVISION HISTORY, THEORY, AND CRITICISM; (2)
           RESEARCH  AND STRONG CREATIVE ACHIEVEMENT IN PLAYWRITING OR  SCREENWRITING AND STAGE OR CINEMATIC
           ARTS PRODUCTION, AND (3) MEASUREMENT STUDIES.

        THEATRE
       UNIVERSITY OF UTAH, UTAH
                             3    1   14    7    9    2   12    2   12    0                             10       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PH.D.; DRAMATIC LITERATURE, THEORY AND CRITICISM,THEATRE HISTORY, PLAYWRITING.

        DRAMATIC ARTS
       UNIVERSITY OF WASHINGTON, WASHINGTON
                            13    0    6    3   20    3    5    1   14    1     66          6          72       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THEATRE HISTORY, DRAMATIC LITERATURE OR CRITICISM.  STUDY IS NOT LIMITED TO THE ENGLISH LANGUAGE
           THEATRE & DRAMA. THE CURRICULUM IS ESPECIALLY STRONG IN THEATRE HISTORY. STUDENTS APPLYING MUST
           SUBMIT THE FOLLOWING: ANY WRITTEN WORK WHICH REPRESENTS THEIR BEST WORK; THREE LETTERS OF
           RECOMMENDATION; SCORES ON THE GRE, STATEMENT OF BACKGROUND IN DRAMA,  & REASONS FOR SEEKING THE
           PH.D. IN DRAMA.

        THEATRE
       UNIVERSITY OF COLORADO, COLORADO
                             8    1   10    0    4    0   10    3    7    2                             34       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           CURRICULAR EMPHASES OR SUBSPECIALTIES: THEATRE HISTORY; THEATRE-DRAMA THEORY AND/OR CRITICISM.
           PRIMARY CAREERS; TEACHING.

1007   TOTAL

                           176   15  166   22  199   22  149   18  139    7    183         18         662


       COUNT

                            11
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HEGIS CATEGORY: 1000 FINE AND APPLIED ARTS

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74		1974-75		1975-76		1976-77		1977-78		GRADUATE ENROLLMENT 1977-78			MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
		MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	FULL-TIME	PART-TIME	TOTAL		
1010	CINEMATOGRAPHY															
	U OF SOUTHERN CALIFORNIA, CALIFORNIA	35	1	31	0	36	1	59	1	39	0			215	NO	N/A
	BRIEF PROGRAM DESCRIPTION PRODUCTION ASPECTS OF FILM/TELEVISION: THEORETICAL, HISTORICAL, CRITICAL STUDIES: FILM WRITING OR FILM BUSINESS. PREREQUISITES: GRE APTITUDE: AM OR MFA IN CINEMA.															
1010	TOTAL	35	1	31	0	36	1	59	1	39	0	0	0	215		
	COUNT	1														
CATEGORY TOTAL		427	101	401	85	453	114	430	129	390	97	658	183	2322		
	COUNT	36														

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HEGIS CATEGORY: 1100 FOREIGN LANGUAGES

                                    *****  EARNED DEGREES CONFERRED  *****                                           MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1101        ASIAN LANGUAGES AND LITERATURE
       U OF HAWAII AT MANOA, HAWAII
                             0    0     11    1     17    0     12    1     17    0     20          31       51       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           JAPANESE--CLASSICAL, MEDIEVAL JAPANESE, EDO JAPANESE, MODERN JAPANESE, HISTORY OF THE JAPANESE
           LANGUAGE. GRADUATES ARE PREPARED FOR JAPANESE LANGUAGE  TEACHING IN UNIVERSITIES. PREREQS: GRE
           (APTITUDE); A MINIMUM BACKGROUND EQUIVALENT TO A STRONG UNDERGRADUATE MAJOR IN THE LANGUAGE.

            ROMANCE LANGUAGES
       U OF OREGON MAIN CAMPUS, OREGON
                            10    2      7    0     11    3      6    1      7    1     27          10       37       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           VARIETY OF APPROACHES TO ROMANCE LITERATURES INCLUDING STUDY OF NATIONAL LITERATURES, PERIODS,
           GENRES, LITERARY THEORY. GRADS ARE PREPARED PRIMARILY FOR UNIVERSITY TEACHING, SCHOLARSHIP AND
           LITERARY CRITICISM. PREREQUISITES: B.A.; FILES EVALUATED FOR  ACADEMIC RECORD, RECOMMENDATIONS,
           LANGUAGE PROFICIENCE, COMMITMENT TO LITERARY STUDY. STUDENTS WITHOUT M.A. USUALLY PREPARE ONE BEFORE
           FORMAL ADMISSION TO DOCTORAL PROGRAM.

            ROMANCE LANGUAGES
       U OF NM MAIN CAMPUS, NEW MEXICO
                             0    5      0    7      0    3      0    8      0    6                          84       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PENINSULAR SPANISH LITERATURE, SPANISH AMERICAN LITERATURE, SPANISH LINGUISTICS, PORTUGUESE
           LITERATURE, AND FRENCH LIT. A DOCTORAL DISSERTATION INVOLVING ORIGINAL AND SIGNIFICANT RESEARCH IS
           REQUIRED.  CAREER: GRADUATES ARE PREPARED FOR UNIVERSITY, COLLEGE, AND HIGH SCHOOL TEACHING.


1101   TOTAL

                            10    7     18    8     28    6     18   10     24    7     47          41      172



       COUNT

                             3



1102        FRENCH
       UNIVERSITY OF ARIZONA, ARIZONA
                             6    2      5    6      2    0      4    2      1    1     14           7       21       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           IN THE DEPARTMENT OF ROMANCE LANGUAGES, ADMISSION  TO THE GRADUATE PROGRAM REQUIRES THE COMPLETION
           OF A BACHELOR'S DEGREE WITH A STRONG MAJOR IN THE PROPOSED FIELD OF STUDY. ADMISSION TO A DOCTORAL
           PROGRAM IS DEPENDENT UPON THE COMPLETION OF A MASTEROF ARTS DEGREE WITH THE SAME MAJOR. ALL STUDENTS
           MUST DEMONSTRATE KNOWLEDGE OF TWO OTHER FOREIGN LANGUAGES.
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HEGIS CATEGORY: 1100 FOREIGN LANGUAGES

                                  ***** EARNED DEGREES CONFERRED *****
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  MANDATORY     CEILING
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  CEILING ON    LEVEL
                                                                                                               ENROLLMENT    REACHED
1102        FRENCH
       CLAREMONT GRADUATE SCHOOL, CALIFORNIA
                            4    1     4    2     3    0     0    0     0    0                                    NO          N/A


          FRENCH
       STANFORD UNIVERSITY, CALIFORNIA
                            6    8    10    2     2    6     3    7     8    2                          19        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           LANGUAGE PROFICIENCY, LITERATURE, CIVILIZATION, HISTORY, AND TEACHING METHODOLOGY.

          FRENCH
       U OF CAL BERKELEY, CALIFORNIA
                            7    6     8    5     5    3     5    3     0    0     39           0         39        YES         NO


          FRENCH
       U OF CAL DAVIS, CALIFORNIA
                            3    0     3    3     6    1     1    2     4    0     23           0         23        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           FRENCH LITERATURE FROM MEDIEVAL TO CONTEMPORARY, AND THE FRENCH LANGUAGE. GRADS ARE PREPARED FOR
           CAREERS IN TEACHING AT THE UNIVERSITY LEVEL. PREREQ.:  A MAJOR IN FRENCH OR ITS EQUIVALENT AT THE
           UNDERGRADUATE LEVEL.

          FRENCH
       U OF CAL IRVINE, CALIFORNIA
                            6    3     4    3     6    2     5    3     0    0     15           0         15        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           FRENCH LITERATURE, CRITICAL APPROACHES, ADMISSION  REQUIREMENTS: MASTER'S DEGREE EXAMINATION SERVES
           AS QUALIFYING EXAM FOR DOCTORAL PROGRAM; GRE APTITUDE TEST.

          FRENCH
       U OF CAL LOS ANGELES, CALIFORNIA
                           11    4    14    1     6    7    21    2    11    2                          72        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE DOCTORAL PROGRAM HAS RECENTLY BEEN REVISED TO  PERMIT GREATER CONCENTRATION ON METHODOLOGY & ON
           THE INTERCONNECTION OF THE VARIOUS PERIODS OF LITERARY HISTORY. THE DEPARTMENT STRESSES THE USE OF
           FRENCH AT ALL LEVELS OF WORK. IT ATTEMPTS TO RECONCILE THE DEMANDS OF CREATIVE TEACHING &
           SCHOLARSHIP & TO IMPART AN UNDERSTANDING OF LITERARY HISTORY AS WELL AS OF MODERN CRITICAL
           PERSPECTIVES. FOR  PROGRAMS LEADING TO THE MA & PH.D. IN FRENCH, APPLICANTS MUST TAKE GRAD RECORD
           EXAM ADV TEST 44.

          FRENCH
       U OF CAL RIVERSIDE, CALIFORNIA
                            5    2     5    0     3    3     3    0     1    1      5                      5        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           NO STUDENTS ARE CURRENTLY BEING ADMITTED TO THE PH.D. PROGRAM IN FRENCH.
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HEGIS CATEGORY: 1100 FOREIGN LANGUAGES

                             ***** EARNED DEGREES CONFERRED  *****                                                MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

1102       FRENCH
         U OF CAL SAN DIEGO, CALIFORNIA
                            0    0     0    0     0    1     0    2     0    0      6          0          6       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             THE DEPARTMENT USES A COMPARATIST APPROACH. EACH STUDENT UNDERTAKES A PROJECT OTHER THAN IN THE
             LANGUAGE IN WHICH THEY ARE SPECIALIZING. THE GRADUATE  RECORD EXAMINATION IS REQUIRED, AS WELL AS AN
             ADVANCED EXAMINATION IN THE LITERATURE OF THE STUDENTS' SPECIALTY AND ONE FOREIGN LANGUAGE.

           FRENCH
         U OF CAL SANTA BARBARA, CALIFORNIA
                            6    0     5    3     8    5     5    0     0    0     17                     17       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             STUDENTS MUST TAKE A MINIMUM OF 4 EXAMINATIONS: ONE ON A PERIOD SELECTED BY THE STUDENT; TWO ON A
             GENRE SELECTED BY THE STUDENT; AN EXAMINATION ON ANAUTHOR OR A WELL-DEFINED LITERARY MOVEMENT OR
             CRITICAL SCHOOL. AREAS OF INTEREST INCLUDE: LINGUISTICS, PHILOLOGY, OR PHONETICS.

           FRENCH
         U OF SOUTHERN CALIFORNIA, CALIFORNIA
                            4    2     4    1     4    1     5    0     2    0                            22       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             DEVELOPMENT OF FRENCH LANGUAGE; LITERATURE OF MIDDLE AGES, RENAISSANCE, 17TH, 18TH, 19TH AND 20TH
             CENTURIES. PREREQUISITES: GRE APTITUDE; AB IN FRENCH; ONE YEAR COLLEGE LATIN.

           LANGUAGES: FRENCH
         UNIVERSITY OF UTAH, UTAH
                            6    1     3    2     4    1     2    0     1    2                            13       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             MEDIEVAL LITERATURE COMBINED WITH PHILOLOGY AND LINGUISTICS; VARIOUS OTHER PERIODS OR GENRES OF
             LITERATURE.

           FRENCH
         UNIVERSITY OF COLORADO, COLORADO
                            4    4     1    2     6    0     5    4     3    0                            32       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             CURRICULAR EMPHASES OR SUBSPECIALTIES: FRENCH/LITERATURE; FRENCH/LINGUISTICS; ROMANCE LINGUISTICS.
             SPECIAL ADMISSIONS REQUIREMENTS: MASTER'S DEGREE. PRIMARY CAREERS: TEACHING COLLEGE OR UNIVERSITY.
             POSSIBLE CAREER PREPARATION WITH A MINOR IN BUSINESSOR AS TRANSLATOR.

1102     TOTAL

                           68   33    66   30    55   30    59   25    31    8    119          7        284


         COUNT

                           13
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HEGIS CATEGORY: 1100 FOREIGN LANGUAGES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74		1974-75		1975-76		1976-77		1977-78		GRADUATE ENROLLMENT 1977-78			MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
		MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	FULL-TIME	PART-TIME	TOTAL		
1103	GERMAN STANFORD UNIVERSITY, CALIFORNIA BRIEF PROGRAM DESCRIPTION CULTURE AND LITERATURE, LANGUAGE AND LINGUISTICS,TRANSLATION AND INTERPRETATION; AND TEACHING METHODOLOGY.	12	4	9	4	12	4	6	6	5	4			26	NO	N/A
	GERMAN U OF CAL BERKELEY, CALIFORNIA	4	3	9	6	16	2	7	8	0	0	44	0	44	YES	NO
	GERMAN U OF CAL DAVIS, CALIFORNIA BRIEF PROGRAM DESCRIPTION MORPHOLOGY AND SYNTAX OF MODERN GERMAN, HISTORY OF THE LANGUAGE, LITERATURE (WRITINGS OF GOETHE, SCHILLER, THOMAS MANN). GRADS ARE PREPARED FOR CAREERS IN TEACHING AND RESEARCH. PREREQ.: APPROPRIATE EDUCATION EXPERIENCE.	2	1	1	3	3	5	3	2	3	0	14	0	14	NO	N/A
	GERMAN U OF CAL IRVINE, CALIFORNIA BRIEF PROGRAM DESCRIPTION GERMAN LITERTURE, STRUCTURE AND HISTORY OF GERMAN LANGUAGE. ADMISSION REQUIREMENTS: BACHELOR OR MASTER'S DEGREE IN GERMAN; GRE APTITUDE TEST.	4	0	2	1	2	0	3	0	1	1	8	1	9	NO	N/A
	GERMAN U OF CAL RIVERSIDE, CALIFORNIA BRIEF PROGRAM DESCRIPTION PH.D. STUDIES IN GERMAN ARE AVAILABLE THROUGH THE PH.D. PROGRAM IN COMPARATIVE LITERATURE.	3	1	0	2	0	1	0	1	0	0	9		9	NO	N/A
	GERMAN U OF CAL SAN DIEGO, CALIFORNIA BRIEF PROGRAM DESCRIPTION THE DEPARTMENT USES A COMPARATIST APPROACH. EACH STUDENT UNDERTAKES A PROJECT OTHER THAN IN THE LANGUAGE IN WHICH THEY ARE SPECIALIZING. THE GRADUATE RECORD EXAMINATION IS REQUIRED, AS WELL AS AN ADVANCED EXAMINATION IN THE LITERATURE OF THE STUDENTS' SPECIALTY AND ONE FOREIGN LANGUAGE.	0	0	0	0	0	0	0	0	20	0	8	0	8	NO	N/A

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HEGIS CATEGORY: 1100 FOREIGN LANGUAGES

                              *****  EARNED DEGREES CONFERRED  *****                                          MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74   1974-75   1975-76   1976-77   1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

1103        GERMAN
       U OF CAL SANTA BARBARA, CALIFORNIA
                            0    0    2    0    7    2    3    1    0    0     10          0        10        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           ALL APPLICANTS MUST TAKE THE ADVANCED GERMAN TESTADMINISTERED BY THE EDUCATIONAL TESTING SERVICE.
           STUDENTS MUST DEMONSTRATE COMPETENCY IN: GERMAN PHILOLOGY AND OLDER GERMAN LITERATURE, INCLUDING
           THEHISTORY OF THE GERMAN LANGUAGE AND A SUBSTANTIVE KNOWLEDGE OF EITHER GOTHIC OR OLD HIGH GERMAN;
           MAJOR WORKS AND MOVEMENTS IN GERMAN LITERATURE AFTER 1624.

            GERMAN
       U OF SOUTHERN CALIFORNIA, CALIFORNIA
                            5    3    2    5    5    5    3    0    1    4                             21        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           HISTORY AND CRITICISM OF GERMAN LITERATURE OR MODERN AND APPLIED GERMAN LINGUISTICS AND LITERARY
           HISTORY AND CRITICISM. PREREQUISITES: GRE APTITUDE; AM IN GERMAN; SCREENING EXAM.

            GERMAN
       U OF OREGON MAIN CAMPUS, OREGON
                            5    4    4    2    5    8    6    2    1    0     17          5        22        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           THE DOCTORAL PROGRAM MAY BE CENTERED ON LITERATURE  OR PHILOLOGY. HOWEVER, THE MAIN EMPHASIS OF THE
           STAFF IS ON LITERATURE FROM THE 16TH CENTURY TO THE  PRESENT WITH SPECIAL CONCENTRATION IN 20TH
           CENTURY LITERATURE. AN M.A. IN GERMAN OR PASSING QUALIFYING EXAMINATION, ACCEPTABLE GRE SCORES, AND
           ONE FOREIGN LANGUAGE, USUALLY FRENCH, ARE REQUIRED FOR ADMISSION.

            LANGUAGES: GERMAN
       UNIVERSITY OF UTAH, UTAH
                            3    1    7    1    2    0    2    0    2    1                             12        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           MEDIEVAL LITERATURE COMBINED WITH PHILOLOGY AND LINGUISTICS; VARIOUS OTHER PERIODS OR GENRES OF
           LITERATURE.

            GERMAN
       UNIVERSITY OF WASHINGTON, WASHINGTON
                           18    4   13    3   10    6    8    3    8    2     20         13        33        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           THE PH.D. CURRICULUM SERVES THE NEEDS OF THE FUTURE PROFESSOR AT UNIVERSITIES AND COLLEGES,
           STRESSING SCHOLARSHIP AND RESEARCH. ADMISSION REQUIREMENTS  ARE 36 CREDITS OF GRADUATE STUDIES IN
           GERMANICS PLUS RESEARCH THESIS OR EQUIVALENT OF MASTER'S DEGREE IN GERMANICS.

            GERMAN
       UNIVERSITY OF COLORADO, COLORADO
                            7    5    4    2    8    6    5    1    7    2                             23        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           CURRICULAR EMPHASES OR SUBSPECIALTIES: GERMAN LITERATURE. PRIMARY CAREERS: TEACHING, ESPECIALLY AT
           COLLEGE OR UNIVERSITY LEVEL.
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HEGIS CATEGORY: 1100 FOREIGN LANGUAGES

                                 ***** EARNED DEGREES CONFERRED *****                                           MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1103     TOTAL

                           63   26    53   29    70   39    46   24    48   14     130         19       231


         COUNT

                           12



1104        ITALIAN
         STANFORD UNIVERSITY, CALIFORNIA
                            0    0     0    0     0    0     0    0     3    0                             3      NO          N/A
           BRIEF PROGRAM DESCRIPTION
             ITALIAN LANGUAGE, CULTURE, AND LITERATURE.

            ITALIAN
         U OF CAL BERKELEY, CALIFORNIA
                            4    2     1    2     1    2     1    3     0    0      21          0        21      YES         NO


            ITALIAN
         U OF CAL LOS ANGELES, CALIFORNIA
                            5    3     3    3     8    5    12    1     2    3                            23      NO          N/A
           BRIEF PROGRAM DESCRIPTION
             THE PH.D. IN ITALIAN IS OFFERED IN THE FOLLOWING THREE FIELDS, FROM WHICH ONE MAJOR AND ONE MINOR
             ARE SELECTED: MEDIEVAL, RENAISSANCE AND BAROQUE, MODERN. THE DEPARTMENT STRESSES THE USE OF ITALIAN
             AT  ALL LEVELS OF WORK. REQUIREMENTS FOR ADMISSION ARE AN ACCEPTABLE UNDERGRADUATE MAJOR IN A
             ROMANCE LANGUAGE OR ANY OTHER FIELD OF THE HUMANITIES, WITH  A GOOD SCHOLASTIC RECORD.

1104     TOTAL

                            9    5     4    5     9    7    13    4     5    3      21          0        47


         COUNT

                            3
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HEGIS CATEGORY: 1100 FOREIGN LANGUAGES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
1105	SPANISH ARIZONA STATE UNIVERSITY, ARIZONA	8	1	7	1	5	4	15	2	7	1	6	9	15	NO	N/A
	BRIEF PROGRAM DESCRIPTION EXPLORATION OF THE VARIOUS PERIODS OF SPANISH AND LATIN AMERICAN LITERATURE, AS WELL AS THE HISTORICAL AND POLITICAL BACKGROUNDS OF BOTH AREAS; MINORIN FRENCH, GERMAN, ITALIAN, PORTUGUESE, AND INTERDISCIPLINARY LATIN AMERICAN STUDIES. GRADS ARE PREPARED FOR TEACHING AND RESEARCH AT THE COLLEGE OR UNIVERSITY LEVEL IN SPANISH AND LATIN AMERICAN LITERATURE. PREREQS: UNDERGRADUATE MAJOR IN SPANISH OREQUIVALENT, ACCEPTABLE GRE SCORES.															
	SPANISH UNIVERSITY OF ARIZONA, ARIZONA	6	4	11	7	6	3	7	2	9	5	34	19	53	NO	N/A
	BRIEF PROGRAM DESCRIPTION STUDENTS MAJORING IN SPANISH WILL ELECT A CONCENTRATION IN SPANISH PENINSULAR LITERATURE OR SPANISH-AMERICAN LITERATURE. ALL STUDENTS MUST DEMONSTRATEKNOWLEDGE OF TWO OTHER FOREIGN LANGUAGES.															
	SPANISH STANFORD UNIVERSITY, CALIFORNIA	4	5	6	3	2	2	5	1	5	0			20	NO	N/A
	BRIEF PROGRAM DESCRIPTION SPANISH LITERATUR, SPANISH AMERICAN LITERATURE, CHICANO LITERATURE, LITERARY THEORY, HISPANIC CIVILIZATION, LANGUAGE AND LINGUISTICS, TEACHING METHODOLOGY.															
	SPANISH U OF CAL DAVIS, CALIFORNIA	5	0	7	1	7	0	5	0	5	2	17	0	17	NO	N/A
	BRIEF PROGRAM DESCRIPTION PROGRAM DESIGNED TO DEVELOP COMPETENCE IN THE SPOKEN AND WRITTEN LANGUAGE AND LITERATURE. GRADS ARE PREPARED FOR CAREERS IN TEACHING AND RESEARCH AT THE UNIVERSITY LEVEL . PREREQ.: SUFFICIENT READINGKNOWLEDGE OF A SECOND LANGUAGE, AVERAGE GRADE OF BOR BETTER.															
	SPANISH U OF CAL IRVINE, CALIFORNIA	3	2	5	1	3	3	11	2	8	0	31	7	38	NO	N/A
	BRIEF PROGRAM DESCRIPTION SPANISH AND SPANISH AMERICAN LITERATURE. ADMISSION REQUIREMENTS: GRE APTITUDE TEST AND ADVANCED TEST IN SPANISH.															
	SPANISH U OF CAL RIVERSIDE, CALIFORNIA	1	5	3	3	5	1	3	4	4	0	11		11	NO	N/A
	BRIEF PROGRAM DESCRIPTION THE PH.D. PROGRAM FEATURES COVERAGE OF ALL THE PRINCIPAL AREAS IN SPANISH & SPANISH AMERICAN LITERATURES, WITH PARTICULAR STRENGTHS IN GOLDEN AGE, CONTEMPORARY PENINSULAR, & SPANISH AMERICAN LITERATURES. APPLICANTS FOR THE PROGRAM WILL NORMALLY HAVE COMPLETED THE M.A. IN SPANISH OR HAVE EQUIVALENT PREPARATION. IN ADDITION TO SPANISH & ENGLISH, THE CANDIDATE WILL DEMONSTRATE A READING KNOWLEDGE OF FRENCH & ANOTHER LANGUAGE, EITHER CLASSICAL OR MODERN.															

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HEGIS CATEGORY: 1100 FOREIGN LANGUAGES

                         *****  EARNED DEGREES CONFERRED  *****                                         MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1105        SPANISH
       U OF CAL SAN DIEGO, CALIFORNIA
                            0    0     0    0     0    1     1    0     4    1     34          0        34       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE DEPARTMENT USES A COMPARATIST APPROACH. EACH STUDENT UNDERTAKES A PROJECT OTHER THAN IN THE
           LANGUAGE IN WHICH THEY ARE SPECIALIZING. THE GRADUATE  RECORD EXAMINATION IS REQUIRED, AS WELL AS AN
           ADVANCED EXAMINATION IN THE LITERATURE OF THE STUDENTS' SPECIALTY AND ONE FOREIGN LANGUAGE.

            SPANISH
       U OF CAL SANTA BARBARA, CALIFORNIA
                            6    1     9    1     5    0     6    1     0    0     24          5        29       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           FOUR PROGRAMS IN THE GRADUATE REQUIREMENTS INCLUDE: 1. LANGUAGE AND CULTURE, 2. LITERATURE, 3.
           LINGUISTICS OR STUDIES IN BILINGUALISM, 4. HISPANIC AND  LUSO-BRAZILIAN STUDIES.

            SPANISH
       U OF SOUTHERN CALIFORNIA, CALIFORNIA
                            3    4     3    6     5    5     4    7     2    4                          41       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           SPANISH OR SPANISH AMERICAN OR CHICANO LITERATURE;  LINGUISTICS; BILINGUALISM AND URBAN HISPANIC
           CULTURE; MEDIEVAL STUDIES OPTION (INTERDISCIPLINARY).PREREQUISITES: GRE APTITUDE AND ADVANCED
           SPANISH;AM IN SPANISH.

           LANGUAGES: SPANISH
       UNIVERSITY OF UTAH, UTAH
                            5    0     6    0     0    0     0    0     4    1                           7       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           MEDIEVAL LITERATURE COMBINED WITH PHILOLOGY AND LINGUISTICS; VARIOUS OTHER PERIODS OR GENRES OF
           LITERATURE.

            SPANISH
       UNIVERSITY OF COLORADO, COLORADO
                           15    5     9    6    10    7     9    4     7    4                          42       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           CURRICULAR EMPHASES OR SUBSPECIALTIES: SPANISH PENINSULAR LITERATURE; SPANISH-AMERICAN LITERATURE;
           SPANISH LANGUAGE & LINGUISTICS. SPECIAL ADMISSIONS  REQUIREMENTS: M.A. IN SPANISH. PRIMARY CAREERS:
           POST-SECONDARY TEACHING & RESEARCH IN LANGUAGE, LITERATURE AND/OR LINGUISTICS.

1105   TOTAL

                           56   27    66   29    48   26    66   23    55   18    157         40       307

       COUNT

                           11
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HEGIS CATEGORY: 1100 FOREIGN LANGUAGES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
1106	RUSSIAN STANFORD UNIVERSITY, CALIFORNIA	1	0	2	0	5	0	1	0	2	0			6	NO	N/A
	BRIEF PROGRAM DESCRIPTION RUSSIAN LANGUAGE, LINGUISTICS, CULTURE, AND LITERATURE.															
1106	TOTAL	1	0	2	0	5	0	1	0	2	0	0	0	6		
	COUNT	1														
1107	CHINESE STANFORD UNIVERSITY, CALIFORNIA	0	1	3	2	0	2	2	0	2	2			15	NO	N/A
	BRIEF PROGRAM DESCRIPTION CHINESE LANGUAGE, CULTURE, AND LITERATURE.															
1107	TOTAL	0	1	3	2	0	2	2	0	2	2	0	0	15		
	COUNT	1														
1108	JAPANESE STANFORD UNIVERSITY, CALIFORNIA	2	0	0	0	2	0	2	1	1	1			6	NO	N/A
	BRIEF PROGRAM DESCRIPTION JAPANESE LANGUAGE, CULTURE, AND LITERATURE.															

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HEGIS CATEGORY: 1100 FOREIGN LANGUAGES

                             ***** EARNED DEGREES CONFERRED *****                                            MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1108     TOTAL

                            2    0     0    0     2    0     2    1     1    1       0          0        6



         COUNT

                            1



1114        SCANDINAVIAN
         U OF CAL BERKELEY, CALIFORNIA
                            0    0     3    1     0    1     0    1     0    0       6          0        6      YES          NO


            SCANDINAVIAN
         UNIVERSITY OF WASHINGTON, WASHINGTON
                            4    2     2    0     1    2     5    1     5    0      12          7       19      NO           N/A
           BRIEF PROGRAM DESCRIPTION
             THE DEPARTMENT OFFERS SEVERAL INTERESTING AREAS OF  STUDY: MEDIEVAL; ROMANTICISM; & THE TWENTIETH
             CENTURY. MAJOR ATTENTION IS PAID TO THE HISTORY OF THE SCANDINAVIAN LANGUAGES, PROSE FICTION, DRAMA
             & POETRY. PROSPECTIVE CANDIDATES MUST PRESENT UNDERGRADUATE PREPARATION IN SCANDINAVIAN (DANISH,
             NORWEGIAN, OR SWEDISH) OR THE EQUIVALENT. ALSO THE CANDIDATE MUST HAVE A READING KNOWLEDGE OF TWO
             NON-SCANDINAVIAN FOREIGN LANGUAGES.

1114     TOTAL

                            4    2     5    1     1    3     5    2     5    0      18          7       25



         COUNT

                            2



1115        SLAVIC LANGUAGES
         STANFORD UNIVERSITY, CALIFORNIA
                            0    2     0    1     0    4     0    2     0    3                           6      NO           N/A
           BRIEF PROGRAM DESCRIPTION
             SLAVIC LANGUAGES, LINGUISTICS, CULTURES, AND LITERATURES.
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                                          WICHE DOCTORAL PROGRAM INVENTORY
                                                      MAY 1979

HEGIS CATEGORY: 1100 FOREIGN LANGUAGES

                                  *****  EARNED DEGREES CONFERRED  *****                                             MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/      1973-74     1974-75     1975-76     1976-77     1977-78   GRADUATE ENROLLMENT 1977-79  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT   MAST DOCT   MAST DOCT   MAST DOCT   MAST DOCT   FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1115        SLAVIC
       U OF CAL BERKELEY, CALIFORNIA
                              7    3     8    5    12    0     4    0     0    0       32          0        32        YES          NO


            SLAVIC
       UNIVERSITY OF WASHINGTON, WASHINGTON
                              1    1     0    0     6    2     6    3     4    0       15          6        21        NO           N/A
         BRIEF PROGRAM DESCRIPTION
           THE DEPARTMENT OFFERS A COMPLETE PROGRAM OF COURSES AND SEMINARS DESIGNED TO PROVIDE CANDIDATES WITH
           A KNOWLEDGE OF THE LITERATURE AND METHODOLOGY FOR  TRAINING IN RUSSIAN LITERATURE OR SLAVIC
           LINGUISTICS. ADMISSION REQUIREMENT IS THE MASTER OF ARTS DEGREE WITH A MAJOR IN A SLAVIC LITERATURE
           OR LINGUISTICS.

            SLAVIC
       UNIVERSITY OF COLORADO, COLORADO
                              1    2     0    3     0    0     0    1     0    3                           5        NO           N/A
         BRIEF PROGRAM DESCRIPTION
           CURRICULAR EMPHASES OR SUBSPECIALTIES: SLAVIC LANGUAGE AND LITERATURE. PRIMARY CAREERS: TEACHING.

1115   TOTAL

                              9    8     8    9    18    6    10    6     4    6       47          6        64


       COUNT

                              4



1182        ROMANCE LANG. AND LITERATURE
       UNIVERSITY OF WASHINGTON, WASHINGTON
                             16    5    13    8    18    3    13    2    12    2       43          7        50        NO           N/A
         BRIEF PROGRAM DESCRIPTION
           DOCTORAL PROGRAMS ARE OFFERED IN THE FOLLOWING FIELDS OF SPECIALIZATION: ROMANCE LITERATURE, ROMANCE
           LINGUISTICS & FRENCH OR SPANISH OR ITALIAN LANGUAGE & LITERATURE. THE DOCTORAL PROGRAM IN ROMANCE
           LITERATURE ALLOWS A FLEXIBLE COMBINATION OF TWO ORMORE ROMANCE LITERATURES. AT LEAST 30 OF THE 60
           CREDITS REQUIRED WITHIN THE DEPARTMENT MUST BE IN THE STUDENT'S MAJOR AREA--FRENCH, SPANISH, OR
           ITALIAN.
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HEGIS CATEGORY: 1100 FOREIGN LANGUAGES

                                  ***** EARNED DEGREES CONFERRED  *****                                       MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

1182     TOTAL
                            16    5    13    8    18    3    13    2    12    2      43         7        50



         COUNT

                             1



1192       ASIAN LANGUAGE AND LITERATURE
         UNIVERSITY OF WASHINGTON, WASHINGTON
                             8    0     7    4     6    3     7    2     0    1      53        19        72        NO         N/A
          BRIEF PROGRAM DESCRIPTION
            THE DEPARTMENT PROVIDES INSTRUCTION IN THE CHINESE, HINDI-URDU, JAPANESE, KOREAN, SANSKRIT, TAMIL,
            THAI, TIBETAN, AND TURKIC LANGUAGES. IT ALSO OFFERSCOURSES, SOME OF WHICH ARE IN ENGLISH
            TRANSLATION,IN CHINESE, INDIC, JAPANESE, KOREAN, SANSKRIT, TIBETAN, AND TURKIC LITERATURES.

1192     TOTAL
                             8    0     7    4     6    3     7    2     0    1      53        19        72



         COUNT

                             1



1199       CLASSICS
         STANFORD UNIVERSITY, CALIFORNIA
                             3    5     2    3     2    3     2    5     0    0                          18        NO         N/A
          BRIEF PROGRAM DESCRIPTION
            CLASSICAL LANGUAGES, CLASSICAL LITERATURE, AND THE  HISTORY AND CULTURE OF THE ANCIENT WORLD.

           OTHER FOREIGN LANGUAGES
         U OF CAL BERKELEY, CALIFORNIA
                             7    5    14   10    11    7    15    9     0    0      63         0        63        YES        NO
          BRIEF PROGRAM DESCRIPTION
            INCLUDES: ORIENTAL LANGUAGES, BUDDHIST STUDIES, ROMANCE LANGUAGES AND LITERATURE, ROMANCE PHILOLOGY,
            AND SPANISH.
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HEGIS CATEGORY: 1100 FOREIGN LANGUAGES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
1199	OTHER FOREIGN LANGUAGES U OF CAL LOS ANGELES, CALIFORNIA	17	15	20	20	18	20	20	10	22	16			137	NO	N/A
	BRIEF PROGRAM DESCRIPTION PROGRAM INCLUDES: (1)GERMANIC LANGUAGES; (2)HISPANIC LANGUAGES; (3)NEAR EAST LANGUAGES AND LITERATURES; (4)ORIENTAL LANGUAGES; AND, (5)SLAVIC LANGUAGES.															
	OTHER FOREIGN LANGUAGES U OF CAL SANTA BARBARA, CALIFORNIA	0	0	0	0	0	1	0	1	0	0	21		21	NO	N/A
	BRIEF PROGRAM DESCRIPTION FLEXIBLE PROGRAMS, DEMONSTRATING COMPETENCIES IN A SPECIAL FIELD AND AT LEAST ONE OR TWO MINOR FIELDS (DEPENDING ON LANGUAGE). ALL GRADUATE SCHOOL REQUIREMENTS MUST BE SATISFIED.															
	OTHER FOREIGN LANGUAGES U OF OREGON MAIN CAMPUS, OREGON	10	4	1	0	0	0	0	0	0	0				NO	N/A
	MIDDLE EAST STUDIES UNIVERSITY OF UTAH, UTAH	10	0	7	1	0	1	0	0	11	4			36	NO	N/A
	BRIEF PROGRAM DESCRIPTION IN INTERDEPARTMENTAL PROGRAM ADMINISTERED THROUGH THE DEPARTMENT OF LANGUAGES; THE IRANIAN STUDIES PROGRAM IS ADMINISTERED THROUGH THE COLLEGE OF HUMANITIES. AREAS OF SPECIALIZATION: LANGUAGES, LITERATURE, LINGUISTICS, OR ANY PERTINENT MIDDLE EAST OR IRANIAN STUDIES OFFERED THROUGH THE DEPARTMENTS OF ANTHROPOLOGY, ART, ECONOMICS, EDUCATION, ENGLISH, GEOGRAPHY, HISTORY, LANGUAGES, MUSIC, POLITICAL SCIENCE, PHILOSOPHY, AND SOCIOLOGY.IENCE, PHILOSOPHY, AND SOCIOLOGY.															
1199	TOTAL	47	29	44	34	31	32	37	25	33	20	84	0	275		
	COUNT	6														
CATEGORY	TOTAL	293	143	289	159	291	157	279	124	222	82	719	146	1554		

HEGIS CATEGORY: 1100 FOREIGN LANGUAGES

***** EARNED DEGREES CONFERRED *****

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74		1974-75		1975-76		1976-77		1977-78		GRADUATE ENROLLMENT 1977-78			MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
		MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	FULL-TIME	PART-TIME	TOTAL		
	COUNT															
		59														

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HEGIS CATEGORY: 1200 HEALTH PROFESSIONS

                              ***** EARNED DEGREES CONFERRED *****                                             MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT  REACHED

1203        NURSING
        UNIVERSITY OF ARIZONA, ARIZONA
                            17    0    29    0    26    0    24    0    29    0     58         69       127        NO         N/A
          BRIEF PROGRAM DESCRIPTION
            REQUIREMENTS: (1)COMPLETION OF AN UG PROGRAM IN NURSING SUBSTANTIALLY EQUIVALENT TO THE B.S. DEGREE
            PROGRAM AT THE UNIVERSITY OF ARIZONA, (2)A CURRENT LICENSE TO PRACTICE AS A R.N., (3)REFERENCES
            ATTESTING TO PROFESSIONAL COMPETENCE, (4)SATISFACTORYCOMPLETION OF A COURSE IN ELEMENTARY
            STATISTICS, (5)SCORES ON THE APTITUDE TEST OF THE GRE, & (6)A STATEMENT INDICATING ACADEMIC &
            PROFESSIONAL GOALS  AS WELL AS RESEARCH INTERESTS. THE DOCTORAL PROGRAM IS STRONGLY RESEARCH
            ORIENTED.

            NURSING
        U CAL SAN FRISCO MEDL CTR, CALIFORNIA
                             0    4     0    3     0    2     0    8   150    4    346                  346       YES         NO
          BRIEF PROGRAM DESCRIPTION
            THE AIM OF THE DOCTOR OF NURSING SCIENCE PROGRAM IS TO PREPARE SCHOLARS IN NURSING WHO ARE EXPERT IN
            RESEARCH & WHO HAVE ATTAINED A DEPTH OF KNOWLEDGE  IN A SUBSTANTIVE AREA OF NURSING PRACTICE. GRADS
            ARE PREPARED TO ASSUME LEADERSHIP ROLES IN HEALTHCARE. COURSES OF STUDY HAVE BEEN DEVELOPED IN
            VARIOUS FIELDS WITHIN MENTAL HEALTH & COMMUNITY NURSING, NURSING IN BIOLOGICAL DYSFUNCTION, FAMILY
            HEALTH CARE NURSING, & SOCIAL & BEHAVIORAL SCIENCES.

            NURSING
        UNIVERSITY OF UTAH, UTAH
                            25    0    25    0    22    0    18    0    20    0                            65        NO         N/A
          BRIEF PROGRAM DESCRIPTION
            AREAS OF SPECIALIZATION: TRANSCULTURAL NURSING, PSYCHOSOCIAL NURSING, PHYSIOLOGICAL NURSING,
            PARENT-CHILD NURSING, GERONTOLOGICAL NURSING. A NEW PH.D.PROGRAM BEGAN IN F '78.

            NURSING
        UNIVERSITY OF WASHINGTON, WASHINGTON
                            98    0    82    0   108    0     0    0     0    0                            26        NO         N/A
          BRIEF PROGRAM DESCRIPTION
            THE PROGRAM PROVIDES FOR RIGOROUS RESEARCH TRAINING RELATED TO FIVE FIELDS OF NURSING SCIENCE:
            INDIVIDUAL ADAPTATIONS TO HEALTH AND ILLNESS, FAMILY ADAPTATIONS TO HEALTH AND ILLNESS ENVIRONMENTS,
            CLINICAL THERAPEUTICS: INTERPERSONAL: AND CLINICAL THERAPEUTICS: PHYSICAL. ADMISSION REQUIR. - GRE,
            FIVEREFFERENCES AND A STATEMENT OF GOALS FOR DOCTORAL STUDY. (NEW PROG - FALL 1978)

            NURSING
        UNIVERSITY OF COLORADO, COLORADO
                           132    0    74    0   106    0   100    0    99    0                           172        NO         N/A
          BRIEF PROGRAM DESCRIPTION
            CURRICULAR EMPHASES OR SUBSPECIALTIES: PSYCHOBIOLOGICAL NURSING, PSYCHOSOCIAL NURSING & NURSING CARE
            DELIVERY SYSTEMS. TWO SUB-SPECIALTIES WHICH WILL  BE AVAILABLE IN THE PSYCHOSOCIAL NURSING AREA
            ARETHE MENTAL HEALTH SEQUENCE & GERONTOLOGY SEQUENCE.SPECIAL ADMISSIONS REQUIREMENTS: MASTER'S
            DEGREE IN NURSING, OR EQUIVALENT. PRIMARY CAREERS: NURSING& NURSING RESEARCH, TEACHING &
            ADMINISTRATION IN THE AREAS IDENTIFIED IN (1) ABOVE.
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HEGIS CATEGORY: 1200 HEALTH PROFESSIONS
                                                                                                    MANDATORY   CEILING
                               ***** EARNED DEGREES CONFERRED *****                                 CEILING ON  LEVEL
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78   ENROLLMENT  REACHED
CODE    INSTITUTION        MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL

1203    TOTAL
                            272   4    210   3    262   2    142   8    298   4     404        69        736

        COUNT
                              5

1205      CRANIOFACIAL BIOLOGY
        U OF SOUTHERN CALIFORNIA, CALIFORNIA                                                          11     NO          N/A
                              0   0      0   0      0   0      0   0      0   0
          BRIEF PROGRAM DESCRIPTION
            EVOLUTION, GROWTH, STRUCTURE AND FUNCTION OF ORALTISSUES: ETIOLOGY AND PATHOGENESIS OF DISEASES AND
            MALFUNCTIONS. PREREQUISITES: GRE APTITUDE: DDS OR  MD OR BS IN DENTAL HYGIENE OR NURSING.

1205    TOTAL
                              0   0      0   0      0   0      0   0      0   0       0         0         11

        COUNT
                              1

1209      PHYSIOLOGICAL OPTICS
        U OF CAL BERKELEY, CALIFORNIA
                              0   1      2   0      2   3      2   2      0   0      12         0         12     YES         NO

1209    TOTAL
                              0   1      2   0      2   3      2   2      0   0      12         0         12
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HEGIS CATEGORY: 1200 HEALTH PROFESSIONS

                               ***** EARNED DEGREES CONFERRED *****                                                       MANDATORY     CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON    LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT    REACHED

         COUNT

                             1



1211        PHARMACY
         UNIVERSITY OF ARIZONA, ARIZONA
                            4    1     4    0     5    0     2    1     2    0     14          9         23        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             SPECIALIZED FACILITIES OF THE COLLEGE OF PHARMACY  INCLUDE ANIMAL, PLANT, AND CHEMICAL SCIENCE
             LABORATORIES; A CLINICAL PHARMACOKINETIC LABORATORY; A  MANUFACTURING LABORATORY; A MEDICINAL PLANT
             GARDEN AND GREENHOUSE; AN ANIMAL COLONY; A DISTILLATIONAND EXTRACTION UNIT; AND NUMEROUS MECHANICAL,
             OPTICAL, AND ELECTRONIC INSTRUMENTS FOR RESEARCH PURPOSES.

            PHARMACY
         U CAL SAN FRISCO MEDL CTR, CALIFORNIA
                            0   85     0   83     0   61     0   91     0    0    404                     404        YES         YES
           BRIEF PROGRAM DESCRIPTION
             THE CURRICULUM IN PHARMACY TRAINS PHARMACISTS WHO  HAVE ADVANCED KNOWLEDGE & SKILLS IN THE SAFE &
             MOST EFFECTIVE USE OF DRUGS. IT LEADS TO THE DOCTOR  OF PHARMACY (PHARM.D.) DEGREE. IN ADDITION,
             UCSF  OFFERS A GRADUATE PROGRAM IN PHARMACEUTICAL CHEMISTRY (INCLUDING PHARMACEUTICS) LEADING TO A
             DOCTOROF PHILOSOPHY (PH.D.) DEGREE.

            PHARMACY
         U OF SOUTHERN CALIFORNIA, CALIFORNIA
                            0    0     0    0     9    3     0    3     0    0                                        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             DRUG THERAPY RESEARCH AND APPLICATIONS; 2 YEAR FULL-TIME PROGRAM BEYOND PHARM D. PREREQUISITES:
             GREAPTITUDE; 2 YEARS PRE-PHARMACY; 2 YEARS PHARM D. PROGRAM.

            PHARMACY
         OREGON STATE UNIVERSITY, OREGON
                            6    1     5    1     1    1     2    1     3    0     16          4         20        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             SPECIALIZATION IN THE FOLLOWING FIELDS OF STUDY: BIOPHARMACEUTICS AND PHARMOKINETICS.
             PHARMACEUTICAL-MEDICINAL CHEMISTRY, PHARMACEUTICAL SOCIO-ECONOMICS, PHARMACOGNOSY-NATURAL PRODUCTS,
             PHARMACEUTICS,  PHARMACOLOGY AND TOXICOLOGY.

            PHARMACEUTICS
         UNIVERSITY OF UTAH, UTAH
                            3    1     0    0     0    1     0    1     0    1                            8        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             THE GRADUATE PROGRAM IN PHARMACEUTICS EMPHASIZES DOSAGE FORM DESIGN & THE PHYSICAL,CHEMICAL &
             BIOLOGICAL FACTORS WHICH INFLUENCE DOSAGE FORM DESIGN. THE PROGRAM IS DESIGNED TO PROVIDE THE
             STUDENT WITH  BASIC SKILLS NECESSARY TO PURSUE A CAREER IN TEACHING OR RESEARCH. OPTIONS INCLUDE AN
             EMPHASIS IN PHYSICAL PHARMACY OR BIOPHARMACEUTICS. PHYSICAL PHARMACY IS BASED UPON THE
             PHYSICAL-CHEMICAL ASPECTS  OF DOSAGE FORM DESIGN WHILE BIOPHARMACEUTICS IS MORE CONCERNED WITH
             BIOLOGICAL ASPECTS.
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HEGIS CATEGORY: 1200 HEALTH PROFESSIONS

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
1211	PHARMACY UNIVERSITY OF WASHINGTON, WASHINGTON	2	4	2	5	5	4	2	1	5	1	31	9	40	NO	N/A

BRIEF PROGRAM DESCRIPTION

GRADUATE DEGREES ARE OFFERED WITH SPECIALIZATION IN MEDICINAL CHEMISTRY, PHARMACEUTICAL CHEMISTRY, PHARMACOGNOSY, PHARMACEUTICS, HOSPITAL PHARMACY & CLINICAL PHARMACY. STUDENTS WITH UNDERGRADUATE DEGREES IN PHARMACY OR IN THE BIOLOGICAL OR PHYSICAL SCIENCES ARE ACCEPTED IN GRADUATE STUDY. STUDENTS WITHOUT UNDERGRADUATE DEGREES IN PHARMACY ARE REQUIRED TO COMPLETE COURSES BASIC TO THEIR CHOSEN FIELD OF STUDY DURING THEIR GRADUATE CAREERS.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	PHARMACY WASHINGTON ST UNIVERSITY, WASHINGTON	1	0	0	3	2	2	0	2	2	1	14	1	15	NO	N/A

BRIEF PROGRAM DESCRIPTION

GRADUATE STUDENTS MAY SPECIALIZE IN PHARMACEUTICAL CHEMISTRY, PHARMACEUTICS (WITH EMPHASIS IN BIOPHARMACEUTIC OR PHYSICAL PHARMACY) PHARMACOGNOSY, ORPHARMACOLOGY. AS PREPARATION FOR WORK TOWARD AN ADVANCED DEGREE IN PHARMACEUTICAL SCIENCE, THE USUAL PATTERN IS COMPLETION OF THE REQUIREMENTS FOR A BACHELORS DEGREE IN PHARMACY.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	PHARMACEUTICAL SCIENCE UNIVERSITY OF COLORADO, COLORADO	1	0	3	2	2	3	2	0	1	1			22	NO	N/A

BRIEF PROGRAM DESCRIPTION

CURRICULAR EMPHASES OR SUBSPECIALTIES: PHARMACEUTICS, PHARMACOKINETICS, PHARMACOLOGY, PHARMACEUTICAL/MEDICAL CHEMISTRY & PHARMACOGENETICS. PRIMARY CAREERS: TEACHING & RESEARCH IN PHARMACEUTICAL SCIENCE.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
1211	TOTAL	17	92	14	94	24	75	8	100	13	4	479	23	532		
	COUNT	8														
1212	PHYSICAL THERAPY U OF SOUTHERN CALIFORNIA, CALIFORNIA	11	0	22	0	21	0	74	0	43	0			101	NO	N/A

BRIEF PROGRAM DESCRIPTION

TEACHING FACULTY PREPARATION IN KINESIOLOGY AND PHYSIOLOGY OF EXERCISE: RESEARCH IN MUSCULOSKELETALOR NEUROLOGICAL OR CARDIORESPIRATORY OR DEVELOPMENT DISORDERS. PREREQUISITES: GRE APTITUDE: MS OR CERTIFICATE IN PHYSICAL THERAPY RECOMMENDED.

HEGIS CATEGORY: 1200 HEALTH PROFESSIONS

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
1212	TOTAL	11	0	22	0	21	0	74	0	43	0	0	0	101		
	COUNT	1														
1214	PUBLIC HEALTH LOMA LINDA UNIVERSITY, CALIFORNIA	112	13	90	10	100	11	105	5	135	6	233	196	429	NO	N/A

BRIEF PROGRAM DESCRIPTION

A DOCTORATE (D.H.SC.) IS OFFERED WITH SPECIALITIES IN THE AREAS OF HEALTH ADMINISTRATION, HEALTH SCIENCES, NUTRITION, ENVIRONMENTAL AND TROPICAL HEALTH AND HEALTH EDUCATION. THE PURPOSE IS TO PREPARE A PREVENTIVE HEALTH CARE EDUCATOR TO SERVE AS HEALTH COUNSELOR, LECTURER, ADMINISTRATOR IN HEALTH CARE ORGANIZATIONS AND CHURCH AND COMMUNITY HEALTH EDUCATION PROGRAMS. MPH & MSPH MASTER*S DEGREES ARE THE SUPPORTIVE PROGRAMS.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	PUBLIC HEALTH U OF CAL BERKELEY, CALIFORNIA	200	10	193	13	247	11	223	13	0	0	343	0	343	YES	NO
	PUBLIC HEALTH U OF CAL LOS ANGELES, CALIFORNIA	156	13	129	13	175	23	140	12	158	13			442	NO	N/A

BRIEF PROGRAM DESCRIPTION

DR.P.H. (DOCTOR OF PUBLIC HEALTH), AVAILABLE IN BEHAVIORAL SCIENCES AND HEALTH EDUCATION, BIOSTATISTICS, ENVIRONMENTAL HEALTH SCIENCES, EPIDEMIOLOGY,HEALTH PLANNING AND POLICY ANALYSIS, AND NUTRITIONAL SCIENCES. PH.D. IN PUBLIC HEALTH, AVAILABLE IN BEHAVIORAL SCIENCES AND HEALTH EDUCATION, ENVIRONMENTAL HEALTH SCIENCES, EPIDEMIOLOGY, HEALTH PLANNING AND POLICY ANALYSIS, AND NUTRITIONAL SCIENCES.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	PUBLIC HEALTH UNIVERSITY OF WASHINGTON, WASHINGTON	11	0	25	0	18	1	30	1	26	1	113	51	164	NO	N/A

BRIEF PROGRAM DESCRIPTION

THE PH.D. DEGREE IS OFFERED BOTH BY THE DEPARTMENT OF EPIDEMIOLOGY AND BY THE BIOMATHEMATICS GROUP.IN ADDITION, THE DEPARTMENT OF HEALTH SERVICES OFFERS A "DOCTORAL OPPORTUNITIES" PROGRAM BY WHICH DOCTORAL STUDENTS FROM VARIOUS DISCIPLINES AND SCHOOLS AT THE UNIVERSITY MAY TAKE AN AREA OF CONCENTRATION IN HEALTH SERVICES RESEARCH.

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HEGIS CATEGORY: 1200 HEALTH PROFESSIONS

                               ***** EARNED DEGREES CONFERRED *****                                               MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74   1974-75   1975-76   1976-77   1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

1214     TOTAL

                           479   36  437   36  540   46  498   31  319   20     689        247      1378


         COUNT

                             4



1219        CLINICAL SCIENCES
         COLORADO STATE UNIVERSITY, COLORADO
                             7    1   11    3   13    1   12    2   14    0                           20        NO         N/A
           BRIEF PROGRAM DESCRIPTION
             GRADUATE PROGRAMS IN MEDICINE OR SURGERY LEAD TO AMASTER OF SCIENCE OR A DOCTOR OF PHILOSOPHY
             DEGREE. RESEARCH PROBLEMS ARE ORIENTED TOWARD CLINICAL OR EXPERIMENTAL INVESTIGATIONS. GRADUATES ARE
             PREPARED TO TEACH IN COLLEGES OF VETERINARY MEDICINE, CONDUCT RESEARCH, ENGAGE IN COMMERCIAL WORK &
             ENTERVETERINARY PRACTICE. SPECIALIZATIONS FOR AN ADVANCED DEGREE PROGRAM IN MEDICINE INCLUDE
             OPTHALMOLOGY, CARDIOLOGY, NEUROLOGY, REPRODUCTION, AND ANESTHESIOLOGY.

            VETERINARY MED SPECIALITIES
         WASHINGTON ST UNIVERSITY, WASHINGTON
                             1    7    3    2    9    7    2    1    8    4     39         15        54        NO         N/A
           BRIEF PROGRAM DESCRIPTION
             PROGRAM EMPHASES: ANATOMY, PHYSIOLOGY & PHARMACOLOGY, MICROBIOLOGY, PATHOLOGY & CLINICAL MEDICINE.
             THE PROGRAM IS DESIGNED TO PROVIDE INTENSIVE STUDY  TOWARD A CAREER IN BIOMEDICAL RESEARCH, RESEARCH
             ON ANIMAL DISEASES OR RESEARCH & TEACHING IN THESE AREAS. PREREQS: THE DEGREE OF DOCTOR OF
             VETERINARY MEDICINE OR THE BACHELOR OF ARTS, OR THE BACHELOR OF SCIENCE IN ALLIED FIELDS. FOR
             STUDENTS WITHOUT THE DVM DEGREE, GRADUATE STUDY IS AVAILABLE ONLY IN THE PRECLINICAL FIELDS.

1219     TOTAL

                             8    8   14    5   22    8   14    3   22    4     39         15        74


         COUNT

                             2
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HEGIS CATEGORY: 1200 HEALTH PROFESSIONS

                                ***** EARNED DEGREES CONFERRED *****                                                     MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/     1973-74   1974-75   1975-76   1976-77   1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION       MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT  REACHED

1220        HEARING AND SPEECH SCIENCES
       STANFORD UNIVERSITY, CALIFORNIA
                              0    2    0    1    0    1    0    0    0    2                            8       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           UNDERSTANDING OF BEHAVIORAL AND PHYSIOLOGICAL ASPECTS OF NORMAL AND DEFECTIVE PROCESSES OF HUMAN
           COMMUNICATION. PROGRAMS ARE PLANNED INDIVIDUALLY.

            SPEECH AND HEARING SCIENCE
       U CAL SAN FRISCO MEDL CTR, CALIFORNIA
                              0    0    0    0    0    1    0    0    0    0      6                     6       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           THE GRADUATE PROGRAM IN SPEECH & HEARING SCIENCE IS CONDUCTED UNDER THE AUSPICES OF A GROUP
           COMPRISED OF FACULTY FROM THE SEVERAL DEPARTMENTS THAT RELATE TO THIS AREA OF STUDY. IT IS AN
           INTERCAMPUS PROGRAM OFFERED JOINTLY WITH THE GROUP IN SPEECH & HEARING SCIENCES ON THE SANTA BARBARA
           CAMPUS.

            SPEECH PATHOLOGY AND AUDIOLOGY
       UNIVERSITY OF DENVER, COLORADO
                             33    1   47    3   56    2   44    2   31    4                          111       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           SPEECH PATHOLOGY, AUDIOLOGY & SPEECH & HEARING SCIENCE ARE THE AREAS OF EMPHASIS. GRADS ARE PREPARED
           FOR CAREERS AS SPEECH PATHOLOGISTS & AUDIOLOGISTS. PREREQUISITES FOR ADMISSIONS INCLUDE: THREE
           LETTERS OF RECOMMENDATION FROM FORMER PROFESSORS OR EMPLOYERS.

            SPEECH PATHOLOGY AND AUDIOLOGY
       U OF OREGON MAIN CAMPUS, OREGON
                              0    0    7    0   10    1   14    1    4    2     14         5         19       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           PURPOSE IS THE IMPROVEMENT OF EDUCATIONAL SERVICES  DELIVERED TO THE HANDICAPPED. THE AREA PREPARES
           SCHOLARS WHO ARE CAPABLE OF ASSUMING POSITIONS OF LEADERSHIP IN COLLEGE & UNIVERSITY PROGRAMS IN
           SPEECH PATHOLOGY & AUDIOLOGY, & FEDERAL, STATE, & LOCAL EDUCATION AGENCY PROGRAMS FOR PERSONS WITH
           COMMUNICATION HANDICAPS.

            SPEECH PATHOLOGY
       UNIVERSITY OF UTAH, UTAH
                             27    3   21    2   19    2   14    1    9    4                            8       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           SEE 0601 COMMUNICATION.

            SPEECH PATHOLOGY
       UNIVERSITY OF WASHINGTON, WASHINGTON
                             30    0   33    0   33    4   35    5   45    2     95         8        103       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           FOR THE PH.D. DEGREE THREE MAJOR AREAS OF CONCENTRATION ARE AVAILABLE (WITH DIFFERENT
           SPECIALIZATIONS WITHIN EACH): RHETORIC AND PUBLIC ADDRESS: SPEECH SCIENCE: AND SPEECH PATHOLOGY OR
           AUDIOLOGY. THE  PH.D. USUALLY REQUIRES FOUR YEARS BEYOND THE BACCALAUREATE. COMPETENCE IN A FOREIGN
           LANGUAGE IS REQUIRED WHERE SUCH COMPETENCE IS NEEDED FOR RESEARCH, BUT THERE IS NO GENERAL LANGUAGE
           REQUIREMENT.
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HEGIS CATEGORY: 1200 HEALTH PROFESSIONS

                              ***** EARNED DEGREES CONFERRED  *****                                              MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1220        COMMUNIC. DISORDERS & SPEECH SCIENCE
         UNIVERSITY OF COLORADO, COLORADO
                           11    1    9    5   11    2   30    2   27    3                          127        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             CURRICULAR EMPHASES OR SUBSPECIALTIES: SPEECH/LANGUAGE PATHOLOGY; SPEECH SCIENCE; AUDIOLOGY;
             LANGUAGE-LEARNING DISABILITIES. SPECIAL RESEARCH, LABORATORY, OR FIELD REQUIREMENTS: CLINICAL
             PRACTICUM. SPECIAL ADMISSIONS REQUIREMENTS: M.A. DEGREE IN CDSS/SPEECH PATHOLOGY/AUDIOLOGY. PRIMARY
             CAREERS: RESEARCH; ADMINISTRATION (CLINIC, PRIVATE PRACTICE); CLINICAL SERVICES; UNIVERSITY
             INSTRUCTION.

1220     TOTAL

                          101    7  117   11  129   13  137   11  116   17    115         13          382


         COUNT

                            7



1225        RADIOLOGICAL SCIENCES
         U OF CAL IRVINE, CALIFORNIA
                            1    0    1    0    0    2    0    1    0    0      6          0            6        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             MEDICAL IMAGING, MEDICAL PHYSICS, BIOENGINEERING,RADIOBIOLOGY, RADIOLOGICAL ENGINEERING. ADMISSION
             REQUIREMENTS: PREPARATION IN BIOLOGY, PHYSICS, ENGINEERING MATHEMATICS, OR THE HEALTH SCIENCES;
             COMPLETION OF THE M.S. DEGREE OR ITS EQUIVALENT; RESEARCH EXPERIENCE; GRE APTITUDE TEST AND ADVANCED
             TEST IN BIOLOGY, PHYSICS, OR RELATED FIELD.

1225     TOTAL

                            1    0    1    0    0    2    0    1    0    0      6          0            6


         COUNT

                            1
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HEGIS CATEGORY: 1200 HEALTH PROFESSIONS

                              *****  EARNED DEGREES CONFERRED  *****                                                    MANDATORY     CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME   PART-TIME   TOTAL  ENROLLMENT   REACHED

1299        MEDICAL PHYSICS AND EXPERIMENTAL PATHOLOGY
         U OF CAL LOS ANGELES, CALIFORNIA
                              7    1    12    6    11    4     5    3     2    6                           51      NO          N/A
          BRIEF PROGRAM DESCRIPTION
            RADIOLOGICAL SCIENCES: ADVANCED STUDY IN THE GENERRFE RADICAL PATHOLOGY, MOLECULAR PATHOLOGY,
            ULTRASTRUCTURAL PATHOLOGY, IMMUNOPATHOLOGY AND IN SPECIAL METHODS OF EXPERIMENTAL PATHOLOGY.

            OTHER HEALTH
         U CAL SAN FRISCO MEDL CTR, CALIFORNIA
                              1    4     1    1     1    2     0    1    11    3     44                    44      NO          N/A
          BRIEF PROGRAM DESCRIPTION
            INCLUDES: MENTAL HEALTH; HUMAN DEVELOPMENT & AGING; & MEDICAL PHYSICS.

            PHARMACEUTICAL SCIENCES
         UNIVERSITY OF THE PACIFIC, OREGON
                              0    1     0    0     1    0     3    0     3    2     11          5         16      YES         YES
          BRIEF PROGRAM DESCRIPTION
            PROGRAMS ARE OFFERED IN FOUR AREAS OF SPECIALIZATION: CLINICAL PHARMACY, PHARMACEUTICS WITH A SUB
            SPECIALTY IN INDUSTRIAL PHARMACY, BIOLOGICAL AND MEDICINAL CHEMISTRY, AND PHYSIOLOGY-PHARMACOLOGY.

            MEDICAL SCIENCES
         U OF NM MAIN CAMPUS, NEW MEXICO
                              0    3     4    2     0    1     1    6     2    5                           41      YES         YES
          BRIEF PROGRAM DESCRIPTION
            WORK IN THE DEPARTMENTS OF ANATOMY, BIOCHEMISTRY,MICROBIOLOGY, PATHOLOGY, PHARMACOLOGY,
            PHYSIOLOGYAND BIOMETRY. ANIMAL CARE UNITS, MACHINE AND ELECTRONIC SHOPS AND COMPUTATION LABORATORIES
            ARE STAFFED BY TRAINED PERSONNEL. EACH DEPARTMENT HAS ITS OWN MODERN RESEARCH EQUIPMENT. RESOURCES
            FOR RESEARCH WITH HUMAN SUBJECTS ALSO AVAILABLE. PRIMARY CAREERS: RESEARCH AND TEACHING.


1299     TOTAL

                              8    9    17    9    13    7     9   10    18   16     55          5        152


         COUNT

                              4



CATEGORY TOTAL

                            897  157   834  158  1013  156   884  166   829   65   1799        372       3384
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HEGIS CATEGORY: 1200 HEALTH PROFESSIONS

***** EARNED DEGREES CONFERRED *****

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74		1974-75		1975-76		1976-77		1977-78		GRADUATE ENROLLMENT 1977-78			MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
		MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	FULL-TIME	PART-TIME	TOTAL		
	COUNT															
		34														

HEGIS CATEGORY: 1300 HOME ECONOMICS

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
1304	FAMILY RESOURCE MANAGEMENT OREGON STATE UNIVERSITY, OREGON	0	0	0	0	0	0	1	0	4	0	6	6	12	NO	N/A

BRIEF PROGRAM DESCRIPTION

THE DOCTORAL PROGRAM FOCUSES BROADLY ON FAMILY RESOURCE MANAGEMENT AND USE AS IT IMPACTS ON INDIVIDUAL AND FAMILY WELL-BEING. ALL MASTER'S AND DOCTORAL PROGRAMS REQUIRE A THESIS. NO FOREIGN LANGUAGE ABILITY IS REQUIRED.

HEGIS CODE		1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	FULL-TIME	PART-TIME	TOTAL
1304	TOTAL	0	0	0	0	0	0	1	0	4	0	6	6	12
	COUNT	1												

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
1305	FAMILY LIFE OREGON STATE UNIVERSITY, OREGON	8	0	6	2	17	1	4	3	4	2	14	10	24	NO	N/A

BRIEF PROGRAM DESCRIPTION

MAJORS IN CHILD DEVELOPMENT AND FAMILY RELATIONSHIPS.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	FAMILY RELATIONS BRIGHAM YOUNG U MAIN CAM, UTAH	20	5	14	4	11	6	25	5	14	5			64	YES	YES

BRIEF PROGRAM DESCRIPTION

PREREQUISITES. A MASTER'S DEGREE IN THIS OR A RELATED FIELD, OR THE EQUIVALENT. FIELDS. CHILD DEVELOPMENT AND FAMILY RELATIONSHIPS, FAMILY STUDIES, MARRIAGE AND FAMILY COUNSELING. MINORS PERMISSIBLE.ANY MINOR APPROVED BY THE ADVISORY COMMITTEE. REQUIREMENTS. SATISFY UNIVERSITY RESIDENCE IDENTIFIEDFOR THE DEGREE; PASS A WRITTEN COMPREHENSIVE EXAMINATION; AND COMPLETE AN ACCEPTABLE DISSERTATION, INCLUDING ENROLLMENT FOR 18 HOURS OF DISSERTATION CREDIT.

HEGIS CODE		1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	FULL-TIME	PART-TIME	TOTAL
1305	TOTAL	28	5	20	6	28	7	29	8	18	7	14	10	88
	COUNT	2												

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HEGIS CATEGORY: 1300 HOME ECONOMICS

                                   ***** EARNED DEGREES CONFERRED *****                                                    MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74     1974-75     1975-76     1976-77     1977-78    GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT   MAST DOCT   MAST DOCT   MAST DOCT   MAST DOCT   FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED


1306        NUTRITION
        U OF CAL DAVIS, CALIFORNIA
                              6    6     10    5     11    7     11    4     21    6      74          1        75        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            FOCUS ON THE EFFECT OF DIET ON ENERGETICS AND INTERMEDIARY METABOLISM. STUDIES ON ENZYMATIC
            ADAPTION, BIOLOGICAL ANTIOXIDANTS, GENETIC MUSCULAR DYSTROPHY, APPLICATION OF BIOMATHEMATICS TO
            NUTRITIONAL  ANALYSES, AND HUMAN AND ANIMAL DIETETICS. GRADS ARE PREPARED FOR CAREERS IN TEACHING
            AND RESEARCH AT THE UNIVERSITY LEVEL: AREAS OF PUBLIC HEALTH: ANIMAL, FOOD, AND PHARMACEUTICAL
            INDUSTRIES, HEALTH  EDUCATION, PREREQ.: THREE LETTERS OF RECOMMENDATION AND GRE SCORES.

            FOOD SCIENCE & NUTRITION
        COLORADO STATE UNIVERSITY, COLORADO
                             11    2     17    1     17    1      9    1     17    2                          50        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            PROGRAMS IN FOOD SCIENCE & NUTRITION INCLUDE ADVANCED COURSES IN FOOD SCIENCE, NUTRITION,
            STATISTICS, BIOCHEMISTRY, PHYSIOLOGY, & ONE OR MORE OF THE FOLLOWING: ANTHROPOLOGY, CHEMISTRY, CHILD
            DEVELOPMENT, EDUCATION, MATHEMATICS, MICROBIOLOGY, PHYSIOLOGY, PSYCHOLOGY, OR SOCIOLOGY, FOOD
            SERVICE MANAGEMENT PROGRAMS ARE ORIENTED STRONGLY TOWARD BUSINESSCOURSES.

            FOODS AND NUTRITION
        OREGON STATE UNIVERSITY, OREGON
                              4    0      5    1      7    0      3    1      4    3      19          7        26        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE PROGRAM FOR THE DOCTORAL DEGREE MAY BE IN EITHER FOODS OR NUTRITION. PROGRAMS INTEGRATE OTHER
            DISCIPLINES RELATED TO FOODS AND NUTRITION AND ARE PLANNED INDIVIDUALLY. A THESIS BASED ON ORIGINAL
            RESEARCH IS REQUIRED FOR BOTH THE MASTER'S AND PH.D.  DEGREES. STUDENTS MAY OVERLAP RESEARCH TOPICS
            IN  AREAS OF THEIR OWN INTEREST OR PURSUE AS ASPECT OF AN ONGOING PROJECT IN THE DEPARTMENT.
            OPPORTUNITIES ARE AVAILABLE TO GAIN EXPERIENCE IN HUMAN METABOLIC STUDIES.

1306    TOTAL

                             21    8     32    7     35    8     23    6     42   11      93          8       151


        COUNT

                              3



CATEGORY TOTAL

                             49   13     52   13     63   15     53   14     64   18     113         24       251
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HEGIS CATEGORY: 1300 HOME ECONOMICS

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	COUNT															
		6														

HEGIS CATEGORY: 1400 LAW

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
1401	LAW GENERAL STANFORD UNIVERSITY, CALIFORNIA	2	1	3	1	1	4	1	0	1	0			22	NO	N/A
	LAW GENERAL U OF CAL BERKELEY, CALIFORNIA	30	4	26	0	14	1	21	1	0	0	32	24	56	YES	NO
	LAW GENERAL UNIVERSITY OF WASHINGTON, WASHINGTON	12	0	7	0	18	1	10	0	21	0	42	3	45	NO	N/A
1401	TOTAL	44	5	36	1	33	6	32	1	22	0	74	27	123		
	COUNT	3														
CATEGORY	TOTAL	44	5	36	1	33	6	32	1	22	0	74	27	123		
	COUNT	3														

Stanford University, California — BRIEF PROGRAM DESCRIPTION
SEE STANFORD UNIVERSITY SCHOOL OF LAW PROGRAMS OFSTUDY.

University of Washington, Washington — BRIEF PROGRAM DESCRIPTION
ADMISSION TO THE PH.D. DEGREE PROGRAM IN ASIAN LAW IS LIMITED TO EXCEPTIONAL SCHOLARS--LAWYERS WHO ARE BILINGUAL (ENGLISH AND EITHER CHINESE, JAPANESE, OR KOREAN) AND WHO EVIDENCE AN INTEREST IN LAW TEACHING OR GOVERNMENT SERVICE IN HIS OR HER COUNTRY OF ORIGIN. THE CORE OF THE PROGRAM IS A MAJOR CREATIVE RESEARCH PROJECT USING ASIAN LANGUAGE SOURCES AS WELL AS ENGLISH LANGUAGE SOURCES.

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HEGIS CATEGORY: 1500 LETTERS

                         ***** EARNED DEGREES CONFERRED  *****                                                MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1501        ENGLISH
        ARIZONA STATE UNIVERSITY, ARIZONA
                            30    4    23    7    26    4    27    5    38    5      6          37         43        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            BRITISH AND AMERICAN LITERATURE, WITH AREAS OF SPECIALIZATION IN RENAISSANCE, EIGHTEENTH-CENTURY,
            NINETEENTH-CENTURY, RECENT BRITISH AND AMERICAN LITERATURE, OTHER SELECTED FIELDS. COURSE WORK
            REQUIRED IN OLD AND MIDDLE ENGLISH. CAREER PREPARATION FOR TEACHING AND RESEARCH POSITIONS AT THE
            COLLEGE OR UNIVERSITY LEVEL. PREREQS: MASTERS DEGREE, ACCEPTABLE GRE SCORES.

            ENGLISH
        UNIVERSITY OF ARIZONA, ARIZONA
                             9    2    13    2    16    6    12    5     2    6     58          17         75        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            STUDENTS MUST PASS A QUALIFYING EXAMINATION IN ENGLISH AND AMERICAN LITERATURE EQUIVALENT TO THE
            FINAL EXAMINATION FOR THE MASTER OF ARTS DEGREE WITH  HIGH PASS PERFORMANCE. DISSERTATION MAY TAKE
            THE  FORM OF THREE EXTENDED ESSAYS.

            ENGLISH GENERAL
        CLAREMONT GRADUATE SCHOOL, CALIFORNIA
                             0    0    11    2    12    3     7    4    15    3     20          28         48        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            DESIGNED TO PREPARE STUDENTS PRIMARILY THOUGH NOTEXCLUSIVELY FOR ACADEMIC CAREERS BY INTRODUCTION TO
            PROBLEMS & METHODS OF LITERARY SCHOLARSHIPS ANDCRITICISM.

            ENGLISH GENERAL
        STANFORD UNIVERSITY, CALIFORNIA
                            24   15    18   20    25   15    13   12    24   14                                94        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            ENGLISH LITERATURE, AMERICAN LITERATURE, CREATIVEWRITING, ENGLISH AND COMPARATIVE LITERATURE,
            ENGLISH AND HUMANITIES, ENGLISH AND LINGUISTICS, ENGLISH PHILOLOGY, AND TEACHING OF ENGLISH.

            ENGLISH GENERAL
        U OF CAL BERKELEY, CALIFORNIA
                            26   29    12   38    15   24    24   18     0    0    183           0        183        YES         NO


            ENGLISH GENERAL
        U OF CAL DAVIS, CALIFORNIA
                            11   11    14    5    22   10     8    3    15    6     88           0         88        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            A COMPLETE PROGRAM OF STUDY IN ENGLISH AND AMERICAN LITERATURE. GRADS ARE PREPARED FOR CAREERS IN
            TEACHING AND WRITING. PREREQ.: TWO OR THREE LETTERSOF RECOMMENDATION, GRE SCORES, AND ONE OR TWO
            UNDERGRADUATE OR GRADUATE RESEARCH PAPERS.
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HEGIS CATEGORY: 1500 LETTERS

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED *****										GRADUATE ENROLLMENT 1977-78			MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
		1973-74		1974-75		1975-76		1976-77		1977-78						
		MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	FULL-TIME	PART-TIME	TOTAL		
1501	ENGLISH GENERAL U OF CAL IRVINE, CALIFORNIA	4	4	10	4	16	2	8	4	5	6	39	3	42	NO	N/A
	BRIEF PROGRAM DESCRIPTION ENGLISH OR AMERICAN LITERATURE. CRITICAL THEORY. ADMISSION REQUIREMENTS: GRE APTITUDE TEST AND ADVANCED TEST IN LITERATURE. SAMPLE PAPERS, A STATEMENT OF FOREIGN LANGUAGE COMPETENCE.															
	ENGLISH GENERAL U OF CAL LOS ANGELES, CALIFORNIA	31	18	42	11	49	20	37	14	34	13			155	NO	N/A
	BRIEF PROGRAM DESCRIPTION THE DEPARTMENT OFFERS A FULL PROGRAM IN THE LITERATURE OF THE ENGLISH MEDIEVAL, RENAISSANCE, JACOBEAN-CAROLINE, NEOCLASSICAL, ROMANTIC, VICTORIAN, AND MODERN PERIODS; IN AMERICAN AND CONTEMPORARY LITERATURE; IN THE DRAMA, THE NOVEL, AND LITERARY CRITICISM; AND IN BIBLIOGRAPHY, THE STRUCTURE OF MODERN ENGLISH, AND THE HISTORY OF THE LANGUAGE.															
	ENGLISH U OF CAL RIVERSIDE, CALIFORNIA	5	3	4	7	7	2	7	4	10	0	43	1	44	NO	N/A
	BRIEF PROGRAM DESCRIPTION SPECIALITIES: ENGLISH LITERATURE TO 1500; 1500-1600; 1600-1660; 1660-1780; 1780-1830; 1830-1900; AMERICAN LITERATURE TO 1900; ENGLISH AND AMERICAN LITERATURE 1900 TO PRESENT; AND TWO CORRELATED ASPECTS (GENRES, THEMES, OTHER PERIODS ETC.) THE AIM OF THE DOCTORAL PROGRAM IS TO ENCOURAGE ADVANCED STUDENTS TO BECOME INFORMED TEACHERS AND SCHOLAR-CRITICS CAPABLE OF SIGNIFICANT, ORIGINAL LITERARY SCHOLARSHIP.															
	ENGLISH GENERAL U OF CAL SANTA BARBARA, CALIFORNIA	10	14	17	8	20	7	13	9	0	0	37	2	39	NO	N/A
	BRIEF PROGRAM DESCRIPTION PROGRAMS ARE FLEXIBLE BUT INCLUDE TWO PLAN OPTIONS AT THE MA LEVEL AND THREE LANGUAGE OPTIONS AT THE PH.D. LEVEL.															
	ENGLISH GENERAL UNIVERSITY OF THE PACIFIC, CALIFORNIA	3	5	6	2	2	3	4	0	5	1	7	5	12	NO	N/A
	BRIEF PROGRAM DESCRIPTION PROGRAM LEADS TO THE DOCTOR OF ARTS DEGREE DESIGNED TO TRAIN TWO AND FOUR-YEAR COLLEGE TEACHERS OF ENGLISH. THE PROGRAM ATTEMPTS TO INTEGRATE THE TEACHING OF LITERATURE, COMPOSITION AND THE AESTHETICS OF FILM BY MEANS OF A MODEL CENTERED IN LITERARYCRITICISM AND ENGLISH LANGUAGE STUDY.															
	ENGLISH GENERAL U OF NORTHERN COLORADO, COLORADO	7	4	11	0	10	3	3	1	8	1			14	NO	N/A
	BRIEF PROGRAM DESCRIPTION THE ED.D. IS DESIGNED TO PREPARE PERSONS WHO PLAN TO TEACH AT THE COLLEGE OR UNIVERSITY LEVEL & INCLUDES FOUR AREAS: (1) A CORE OF STUDIES IN ENGLISHAND AMERICAN LITERATURE & LANGUAGE; (2) COURSES INWORLD LITERATURE; (3) COLLOQUIUMS IN VARIOUS TOPICS; (4) A CORE OF PEDAGOGICAL STUDIES TO ENHANCE THE TEACHING ABILITY THE STUDENT DEVELOPS IN LECTURING, REPORTING & LEADING CLASS DISCUSSIONS.															

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HEGIS CATEGORY: 1500 LETTERS

                                  ***** EARNED DEGREES CONFERRED *****                                  MANDATORY     CEILING
HEGIS  NAME OF PROGRAM/      1973-74     1974-75     1975-76     1976-77     1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON    LEVEL
CODE      INSTITUTION       MAST DOCT   MAST DOCT   MAST DOCT   MAST DOCT   MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT    REACHED

1501        ENGLISH
      UNIVERSITY OF DENVER, COLORADO
                              27   13     18    7     16    6     12   10     14    9                          124       NO          N/A
        BRIEF PROGRAM DESCRIPTION
          A CONCENTRATION IN EITHER ENGLISH LITERATURE. AMERICAN LITERATURE. COMPARATIVE LITERATURE OR
          CREATIVE WRITING. GRADS ARE PREPARED FOR CAREERS AS PROFESSIONAL TEACHERS, SCHOLARS, WRITERS &
          CRITICS. REQUIREMENTS ADMISSIONS INCLUDE: M.A. IN ENGLISH & TEST SCORES OF THE APTITUDE & ADVANCED
          TESTS OF THEGRE.

            ENGLISH GENERAL
      IDAHO STATE UNIVERSITY, IDAHO
                               2    5      6    6      7    6      4    3      0    4     23         16        39       NO          N/A
        BRIEF PROGRAM DESCRIPTION
          THIS PROGRAM IS INTENDED TO PREPARE DEGREE RECIPIENTS FOR CAREERS AS EFFECTIVE UNDERGRADUATE
          TEACHERS. IT EMPHASIZES GENERAL TRAINING IN LANGUAGE AND  LITERATURE. INTERDISCIPLINARY
          RELATIONSHIPS, AND  PEDAGOGY, WITH PROGRAM REQUIREMENTS DESIGNED TO ENCOURAGE INTEGRATION OF MAJOR
          COMPONENT AREAS. STUDENTS MUST EARN 48 SEMESTER CREDITS BEYOND THE M.A., DEMONSTRATE COMPETENCE IN
          ONE FOREIGN LANGUAGE,AND COMPLETE AN INNOVATIVE TEACHING INTERNSHIP.

            ENGLISH GENERAL
      U OF NEVADA RENO, NEVADA
                               5    1     13    1      4    2      0    0      0    0                                    NO          N/A


            ENGLISH GENERAL
      U OF OREGON MAIN CAMPUS, OREGON
                              33   34     38   31     28   25     30   21     27   13    112         32       144       NO          N/A
        BRIEF PROGRAM DESCRIPTION
          INSTRUCTION IN ALL FIELDS OF ENGLISH AND AMERICAN  LITERATURE. FROM THE ANGLO-SAXON PERIOD TO THE
          PRESENT, PREPARING STUDENTS FOR COLLEGE AND UNIVERSITY LEVEL TEACHING IN ENGLISH. PREREQUISITES:
          B.A.,ACCEPTABLE GRE SCORES, WRITING SAMPLE.

            ENGLISH GENERAL
      UNIVERSITY OF UTAH, UTAH
                              36   14     24   12     30    8     33    9     19    2                          109       NO          N/A
        BRIEF PROGRAM DESCRIPTION
          MEDIEVAL, RENAISSANCE, EIGHTEENTH CENTURY. NINETEENTH CENTURY, TWENTIETH CENTURY, COMPARATIVE
          LITERATURE, AMERICAN LITERATURE. AMERICAN STUDIES. LITERATURE OF THE AMERICAN WEST. CREATIVE
          WRITING, FILM  STUDIES, FOLKLORE, RHETORIC AND COMPOSITION.

            ENGLISH GENERAL
      UNIVERSITY OF WASHINGTON, WASHINGTON
                              63   18     56   17     29   11     41   17     34   11    121         43       164       NO          N/A
        BRIEF PROGRAM DESCRIPTION
          THE DEPARTMENT OFFERS A COMPLETE PROGRAM OF GRADUATE COURSES AND SEMINARS DESIGNED TO PROVIDE
          ASPIRANTS WITH A KNOWLEDGE OF LITERATURE AND THE NECESSARY SCHOLARSHIP FOR TRAINING IN LITERARY
          CRITICISM.  LITERARY HISTORY, AND LANGUAGE STUDY. READING KNOWLEDGE OF TWO FOREIGN LANGUAGES IS
          REQUIRED BEFORE  A STUDENT IS ADMITTED TO THE PH.D. PROGRAM.
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HEGIS CATEGORY: 1500 LETTERS

                              *****  EARNED DEGREES CONFERRED  *****                                     MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1501        ENGLISH GENERAL
       WASHINGTON ST UNIVERSITY, WASHINGTON
                            13    2     9    2     4    1    17    1     8    4      43          5         48       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE PROGRAM IS DESIGNED TO PREPARE ADVANCED STUDENTS TO BECOME KNOWLEDGEABLE, EFFECTIVE SCHOLARS &
           TEACHERS OF LITERATURE AT THE UNIVERSITY OR COLLEGE  LEVEL. THE PH.D. CANDIDATES COURSE OF STUDY IS
           NOT RIGIDLY PRESCRIBED. PREREQUISITES: APPROXIMATELY  30 SEM. HOURS IN ENGLISH & AMERICAN LITERATURE
           &  RELATED FIELDS. THE STUDY OF AT LEAST ONE FOREIGN  LANGUAGE BEFORE UNDERTAKING GRADUATE WORK.

            ENGLISH
       U OF NM MAIN CAMPUS, NEW MEXICO
                            10   11    10    9    12    9     4   12    12    4                            71       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE MAJOR PERIODS OF ENGLISH AND AMERICAN LITERATURE, ESPECIALLY AMERICAN LITERATURE. SPECIAL
           REQUIREMENTS: TWO FOREIGN LANGUAGES AT THE LEVEL OF BASIC RESEARCH COMPETENCE OR ONE FOREIGN
           LANGUAGE AT A  HIGH (LITERARY AND RESEARCH) LEVEL OF COMPETENCE:  A WORKSHOP IN THE TEACHING OF
           ENGLISH COMPOSITION  PLUS EXPERIENCE TEACHING COMPOSITION. SPECIAL ADMISSION REQUIREMENTS: M.A. IN
           ENGLISH, GRE SCORES.WRITING SAMPLE. PRIMARY CAREERS: COLLEGE TEACHINGAND RESEARCH.


1501   TOTAL

                           349  207   355  191   350  167   304  152   270  102     780        189       1536


       COUNT

                            20



1502        ENGLISH LITERATURE
       CLAREMONT GRADUATE SCHOOL, CALIFORNIA
                            15    4     0    0     0    0     0    0     0    0                                     NO          N/A


            ENGLISH LITERATURE
       U OF CAL SAN DIEGO, CALIFORNIA
                             0    4     0    0     0    7     1    7     5    4      37                    37       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE DEPARTMENT USES A COMPARATIST EMPHASIS. STUDENTS UNDERTAKE A PROJECT OTHER THAN IN THE LANGUAGE
           IN WHICH THEY ARE SPECIALIZING. THE GRADUATE RECORD EXAMINATION IS REQUIRED AND AN ADVANCED
           EXAMINATION IN THE LITERATURE OF THE STUDENTS' SPECIALTY.
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HEGIS CATEGORY: 1500 LETTERS

                              ***** EARNED DEGREES CONFERRED  *****                                         MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1502         ENGLISH LITERATURE
        U OF SOUTHERN CALIFORNIA, CALIFORNIA
                             19    7     7    6     8    4     7    5    11    7                        114        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            ENGLISH AND AMERICAN LITERATURE OR RHETORIC, LINGUISTICS AND LITERATURE. PREREQUISITES: GRE APTITUDE
             AND ADVANCED LITERATURE; AM IN ENGLISH; SCREENING  EXAM.

             ENGLISH LITERATURE
        UNIVERSITY OF COLORADO, COLORADO
                              5    8     6    6    16    6    10   10     9   10                         61        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            CURRICULAR EMPHASES OR SUBSPECIALTIES: AT LEAST ONE GRADUATE ENGLISH COURSE IS REQUIRED IN EACH OF
            THE FOLLOWING AREAS: 1) OLD OR MIDDLE ENGLISH; 2) RENAISSANCE; 3) 18TH CENTURY; 4) ROMANTIC; 5)
            VICTORIAN; 6) AMERICAN LIT TO 1914; 7) 20TH CENTURY. PRIMARY CAREERS: COLLEGE TEACHING, PARTICULARLY
            IN THE AREAS OF COMPOSITION & RHETORIC, AS WELL AS LITERATURE.


1502    TOTAL

                             39   23    13   12    24   17    18   22    25   21     37          0      212



        COUNT

                              4




1503         COMPARATIVE LITERATURE
        STANFORD UNIVERSITY, CALIFORNIA
                              3    1     1    0     2    4     1    3     1    1                         15        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            COMPARISIONS OF LINGUISTICS, LITERATURE, AND LITERARY THEORY FROM A VARIETY OF LANGUAGES.

             COMPARATIVE LITERATURE
        U OF CAL BERKELEY, CALIFORNIA
                             24   11    30    6    23   15    16   12     0    0    129          0      129        YES         NO


             COMPARATIVE LITERATURE
        U OF CAL IRVINE, CALIFORNIA
                              1    1     2    0     2    2     4    3     0    1     14          2       16        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            COMPARATIVE LITERARY STUDIES. ADMISSION REQUIREMENTS: GRE APTITUDE TEST AND ADVANCED TEST IN
             LITERATURE, SAMPLE PAPERS, A STATEMENT OF FOREIGN LANGUAGE COMPETENCE.
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HEGIS CATEGORY: 1500 LETTERS

                               ***** EARNED DEGREES CONFERRED *****                                       MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74   1974-75   1975-76   1976-77   1977-78  GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

1503        COMPARATIVE LITERATURE
        U OF CAL LOS ANGELES, CALIFORNIA
                             8    1    8    1    2    1    5    2    4    2                          34       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE PROGRAM IN COMPARATIVE LITERATURE IS AN INTERDEPARTMENTAL PROGRAM OFFERING M.A. AND PH.D.
            DEGREES. COMPARATIVE LITERATURE STUDENTS ARE ACCEPTED FOR STUDIES IN ANY OF THE SEVENTY LANGUAGES
            AND LITERATURES TAUGHT AT UCLA. THE PROGRAM IS DESIGNED TO  GIVE STUDENTS (1)COMPETENCE IN TWO OR
            MORE LITERATURES. (2)THE ABILITY TO PERCEIVE & DISCUSS RELATIONSHIPS BETWEEN LITERATURES. & (3)A
            SOPHISTICATED  APPROACH TO THE PROBLEMS OF LITERARY CRITICISM.

            COMPARATIVE LITERATURE
        U OF CAL RIVERSIDE, CALIFORNIA
                             6    1    2    0    3    2    2    3    6    0    24                    24       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            WORK IN THREE OF THE FOLLOWING LITERATURES: ENGLISH, FRENCH, GERMAN, GREEK, ITALIAN, LATIN, RUSSIAN
            AND SPANISH. IN EXCEPTIONAL CASES, PERMISSION WILL BE GRANTED TO WORK IN OTHER LANGUAGE AREAS
            RELATED TO THE GERMANIC, ROMANCE, OR SLAVIC FAMILIES, IN HEBREW LITERATURE, OR IN THE LITERATURES OF
            AFRICA AND ASIA.

            COMPARATIVE LITERATURE
        U OF CAL SAN DIEGO, CALIFORNIA
                             0    0    0    0    1    2    0    8    3    1    25                    25       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE DEPARTMENT USES A COMPARATIST EMPHASIS. EACH STUDENT UNDERTAKES A PROJECT OTHER THAN IN THE
            LANGUAGE IN WHICH THEY ARE SPECIALIZING. THE GRADUATE  RECORD EXAMINATION IS REQUIRED AND AN
            ADVANCED EXAMINATION IN THE LITERATURE OF THE STUDENTS' SPECIALTY.

            LITERATURE
        U OF CAL SANTA CRUZ, CALIFORNIA
                             3    6    7    6    4    3    0    3    1    5    30                    30       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            APPROACHED AS A SINGLE FIELD OF STUDY WITHIN THE BOARD OF STUDIES IN LITERATURE. THE PROGRAM DEALS
            WITH THE BROAD RANGE OF LITERATURE, COMBINES APPRENTICE TEACHING AND LITERARY STUDY AND MAY INCLUDE
            STUDY IN OTHER DISCIPLINES.

            COMPARATIVE LITERATURE
        U OF SOUTHERN CALIFORNIA, CALIFORNIA
                                  1    4    0    3    2    4    2    2    2    5                     19       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            LITERARY THEORY AND PRACTICE: NATIONAL CULTURES AND INTERCULTURAL RELATIONSHIPS EXAMINED THROUGH
            LITERATURE. PREREQUISITES: GRE APTITUDE AND ADVANCEDLITERATURE OR A LANGUAGE: HIGH GRADE IN AN EXAM:
            PROFICIENCY IN 3 LANGUAGES.

            COMPARATIVE LITERATURE
        U OF OREGON MAIN CAMPUS, OREGON
                             4    3    8    1    6    2    1    3    6    1    17         4          21       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            STUDY OF LITERARY PERIODS, MOVEMENTS AND GENRES IN  SEVERAL LITERATURES: LITERARY THEORY AND
            CRITICISM. PREREQUISITES: SOME BACKGROUND IN LITERATURE, KNOWLEDGE OF TWO FOREIGN LANGUAGES. PRIMARY
            CAREERS: TEACHING COMPARATIVE LITERATURE, ENGLISH, OR A FOREIGN LANGUAGE.
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HEGIS CATEGORY: 1500 LETTERS

                                   *****  EARNED DEGREES CONFERRED  *****                                      MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

1503        COMPARATIVE LITERATURE
        UNIVERSITY OF WASHINGTON, WASHINGTON
                            9    5     7    5     9    3    10    2     9    1      40          9        49       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            THE COMPARATIVE LITERATURE PROGRAM IS CONDUCTED BY  AN INTERDISCIPLINARY GROUP WITH FACULTY DRAWN
            FROM PARTICIPATING DEPARTMENTS: ASIAN,CLASSICS,ENGLISH,GERMAN,NEAR EASTERN,ROMANCE,SCANDINAVIAN &
            SLAVIC. TYPICAL AREAS OF INQUIRY INCLUDE LITERARY PERIODS & TRADITIONS,MAJOR GENRES & FORMS AS
            MANIFESTED  IN DIFFERENT LINGUISTIC & CULTURAL ENVIRONMENTS,PATTERNS OF INFLUENCE & RECEPTION & THE
            GENERAL PRINCIPLES OF LITERARY THEORY & CRITICISM.

            COMPARATIVE LITERATURE
        UNIVERSITY OF COLORADO, COLORADO
                            6    1     3    3     3    1     4    7     5    0                            26       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            CURRICULAR EMPHASES OR SUBSPECIALTIES: COMPARATIVE  LITERATURE EMPHASIZES LANGUAGES AS WELL AS THE
            TRADITIONAL LITERARY & CRITICAL SKILLS. STUDENTS WORK ACROSS THE NATIONAL LITERATURES & OFTEN PURSUE
            INTERESTS IN AREAS LIKE HISTORY OF IDEAS, PHILOSOPHY & LITERATURE, LITERATURE & THE OTHER ARTS, ETC.
            SPECIAL ADMISSIONS REQUIREMENTS: M.A. DEGREE IN COMPARATIVE LITERATURE OR A SINGLE LITERATURE.
            PRIMARY CAREERS: COLLEGE AND UNIVERSITY TEACHING.


1503    TOTAL

                           65   34    68   25    57   39    45   48    37   17     279         15       388


        COUNT

                           11



1504        CLASSICS
        U OF CAL BERKELEY, CALIFORNIA
                            9    1     4    7     8    3     4    2     0    0      41          0        41       YES        NO


            CLASSICS
        U OF CAL IRVINE, CALIFORNIA
                            0    0     0    1     0    0     0    0     2    0       4          1         5       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            CLASSICAL LITERATURE, HISTORY, ART, PHILOSOPHY, AND SCIENCE. ADMISSION REQUIREMENTS: BACHELOR#S
            DEGREE IN CLASSICS, GRE APTITUDE TEST.
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HEGIS CATEGORY: 1500 LETTERS

                               ***** EARNED DEGREES CONFERRED *****                                          MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78    GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

1504       CLASSICS
         U OF CAL LOS ANGELES, CALIFORNIA
                            4    1     1    1     0    0     3    0     2    1                           16      NO         N/A
          BRIEF PROGRAM DESCRIPTION
            PREREQUISITES FOR ADMISSION TO THE DOCTORAL PROGRAM IS AN M.A. DEGREE IN CLASSICS, WITH DISTINCTION,
            FROM THIS UNIVERSITY, OR ITS EQUIVALENT. AT THE DOCTORAL LEVEL THE STUDENT MAY ELECT TO SPECIALIZE
            IN CLASSICAL LITERATURE AND PHILOLOGY, OR IN ONE  OF THE FOLLOWING AREAS: CLASSICAL LINGUISTICS,
            ANCIENT HISTORY, ANCIENT PHILOSOPHY, CLASSICAL ARCHAEOLOGY, PATRISTIC OR BYZANTINE STUDIES, MEDIEVAL
            LATIN.

           CLASSICS
         U OF SOUTHERN CALIFORNIA, CALIFORNIA
                            0    1     0    0     0    0     2    1     0    0                            5      NO         N/A
          BRIEF PROGRAM DESCRIPTION
            GREEK AND LATIN LITERATURE: CONSORTIAL INTERCHANGEWITH UCLA AVAILABLE. PREREQUISITES: GRE APTITUDE.

           CLASSICS
         UNIVERSITY OF WASHINGTON, WASHINGTON
                            9    1     6    1     9    2     0    2     3    4       17         5        22      NO         N/A
          BRIEF PROGRAM DESCRIPTION
            THE PH.D. REQUIRES BOTH GREEK & LATIN. COURSES ARE  OFFERED IN ALL THE MAJOR WRITERS & PERIODS OF
            LITERATURE,PHILOSOPHY & HISTORY,IN CLASSICAL ART & ARCHAEOLOGY & IN GREEK & LATIN LINGUISTICS.
            ADMISSION TO THE PH.D. PROGRAM MAY BE GRANTED AFTER COMPLETION OF 27 CREDITS OF GRADUATE STUDY. THE
            READING  KNOWLEDGE REQUIREMENT IN ONE MODERN FOREIGN LANGUAGE & AN EXAMINATION IN BOTH GREEK &
            LATIN.

           CLASSICS
         UNIVERSITY OF COLORADO, COLORADO
                            3    1     5    2     2    0     4    0     2    2                           19      NO         N/A
          BRIEF PROGRAM DESCRIPTION
            CURRICULAR EMPHASES OR SUBSPECIALTIES: GREEK, LATIN, ARCHEOLOGY & HISTORY, CLASSICAL & ANCIENT
            CIVILIZATION. EMPHASIS ON GREEK & LATIN LANGUAGES & LITERATURES OR CLASSICAL ARCHAEOLOGY & HISTORY.
            PRIMARY CAREERS: COLLEGE & UNIVERSITY TEACHING/RESEARCH; FIELD ARCHAEOLOGY; SECONDARY SCHOOL
            TEACHING.

1504     TOTAL

                           25    5    16   12    19    5    13    5     9    7       62         6       108


         COUNT

                            6
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HEGIS CATEGORY: 1500 LETTERS

                                *****  EARNED DEGREES CONFERRED  *****                                           MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

1505       LINGUISTICS
        UNIVERSITY OF ARIZONA, ARIZONA
                             10    0    7    2   11    0    4    3    6    1      16         20         36       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            WORK IS AVAILABLE IN BOTH THE THEORETICAL AND APPLIED ASPECTS OF THE FIELD.

           LINGUISTICS
        STANFORD UNIVERSITY, CALIFORNIA
                              9    5   10    6    5    4    6    2   10    4                            26       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            THEORY OF GRAMMAR, PHONETICS, AND PHONOLOGY, SYNTAX AND SEMANTICS, LANGUAGE VARIATIONS AND
            SOCIOLINGUISTICS, DEVELOPMENTAL PSYCHOLINGUISTICS, COMPUTATIONAL LINGUISTICS, APPLIED LINGUISTICS,
            LINGUISTIC  METHODS, AND LANGUAGES.

           LINGUISTICS
        U OF CAL BERKELEY, CALIFORNIA
                             22    7   19    5   12    5    8   12    0    0      62          0         62       YES        NO



           LINGUISTICS
        U OF CAL LOS ANGELES, CALIFORNIA
                              8    8   17    4    2   11    9   10    9    4                            62       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            THE PROGRAM OF STUDY FOR THE PH.D. INCLUDES LINGUISTIC THEORY AND EXTENSIVE WORK IN A SUBAREA OF
            SPECIALIZATION SUCH AS EXPERIMENTAL PHONETICS, OR THE  INTERFACE AREAS BETWEEN LINGUISTICS AND
            SOCIOLOGY, ETHNOLOGY, PSYCHOLOGY, PHILOSOPHY, MATHEMATICS,OR MEDICINE. THE DEPARTMENT MAINTAINS A
            WELL-EQUIPPED LABORATORY FOR RESEARCH IN EXPERIMENTAL PHONETICS.

           LINGUISTICS
        U OF CAL SAN DIEGO, CALIFORNIA
                              6    6   17    3    3    3    8    7    2    4      45                     45       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            THE PROGRAM STRESSES MODERN LINGUISTIC THEORY,INCLUDING TRANSFORMATIONAL GENERATIVE GRAMMAR.
            STUDENTS CAN CONCENTRATE ON PARTICULAR LANGUAGES,LANGUAGE  FAMILIES,OR OTHER LANGUAGE-RELATED
            FIELDS,BUT EACH REQUIRES GENERAL THEORETICAL LINGUISTICS. AMONG  THE LANGUAGES WHOSE STRUCTURE IS
            CURRENTLY BEING  ANALYZED ARE ENGLISH, FRENCH, DIEGUENO, YUMAN, SOMOAN, JAPANESE, ALBANIAN,
            MANDARIN, CANTONESE, UTO-AZTECAN & SIGN LANGUAGE OF THE DEAF. THE GRADUATERECORD EXAMINATION IS
            REQUIRED.

           LINGUISTICS
        U OF SOUTHERN CALIFORNIA, CALIFORNIA
                              4    4    7    1    6    2    4    2   10    5                            61       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            GENERAL LINGUISTICS (HISTORY AND STRUCTURE OF A SPECIFIC LANGUAGE AND SYNTAX OR PHONOLOGY OR
            PSYCHOLINGUISTICS SPECIALTY) OR APPLIED LINGUISTICS (INCLUDING SOCIOLINGUISTICS, SECOND LANGUAGE
            LEARNING).  PREREQUISITES: GRE APTITUDE; AM IN LINGUISTICS; 2  FOREIGN LANGUAGES.
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HEGIS CATEGORY: 1500 LETTERS

                              *****  EARNED DEGREES CONFERRED  *****                                          MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

1505        LINGUISTICS
         U OF HAWAII AT MANOA, HAWAII
                            17    5    10    5    17    4    12    2    15    6     39         50        89       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             DESCRIPTIVE AND COMPARATIVE LINGUISTICS, GENERAL LINGUISTIC THEORY, LANGUAGE CONTACT AND VARIATION,
             ETHNOLINGUISTICS, PSYCHOLINGUISTICS: LANGUAGES OFTHE PACIFIC, PARTS OF ASIA AND THE AMERICAS.
             GRADUATES ARE PREPARED FOR CAREERS IN UNIVERSITY TEACHING AND RESEARCH AND IN GOVERNMENTAL AND OTHER
             AGENCIES. PREREQS: GRE (APTITUDE).

            LINGUISTICS
         UNIVERSITY OF UTAH, UTAH
                             9    0     5    0    10    0     5    0     6    0                               13       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             ENGLISH LINGUISTICS, SPANISH LINGUISTICS, THEORETICAL AND APPLIED LINGUISTICS, AND AMERICAN INDIAN
             LANGUAGES.

            LINGUISTICS
         UNIVERSITY OF WASHINGTON, WASHINGTON
                             4    2     3    3     5    0     5    3     4    3     26         16        42       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             THE DEPARTMENT OFFERS IN ADDITION TO SYNTAX, PHONOLOGY AND HISTORICAL LINGUISTICS, SPECIALIZED
             COURSE WORK IN VARIOUS COOPERATING DEPARTMENTS. EACH STUDENT IS EXPECTED TO ELECT AN AREA OF
             SPECIALIZATION AND WORK OUT WITH THE CHAIRMAN OF HIS SUPERVISORY COMMITTEE AN APPROPRIATE PROGRAM OF
             COURSES SUPPORTING HIS REQUIRED WORK.

            LINGUISTICS
         UNIVERSITY OF COLORADO, COLORADO
                             3    0     4    2     2    2     3    0     8    1                               30       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             CURRICULAR EMPHASES OR SUBSPECIALTIES: AFRICAN, AMERINDIAN, CHINESE, CLASSICAL, GERMANIC,
             JAPANESE,ROMANCE & SLAVIC LINGUISTICS: HISTORY OF LINGUISTICS: MATHEMATICAL LINGUISTICS: PHONETIC
             SCIENCES: &PSYCHOLINGUISTICS. SPECIAL ADMISSIONS REQUIREMENTS: M.A. IN LINGUISTICS, OR EQUIVALENT.
             PRIMARY CAREERS: COLLEGE & UNIVERSITY TEACHING/RESEARCH.

1505     TOTAL

                            92   37    99   31    73   31    64   41    70   28    188         86       466


         COUNT

                            10
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HEGIS CATEGORY: 1500 LETTERS

                                  ***** EARNED DEGREES CONFERRED *****                                                        MANDATORY     CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON    LEVEL
CODE      INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT    REACHED

1506         SPEECH COMMUNICATION
        UNIVERSITY OF ARIZONA, ARIZONA
                             5    1     7    0     1    0     0    1     2    2      14          5        19       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            DOCTORAL CONCENTRATIONS ARE AVAILABLE IN ORAL INTERPRETATION OF LITERATURE, RHETORIC AND PUBLIC
            ADDRESS, COMMUNICATION THEORY, AND PHONETICS-LINGUISTICS.

          RHTORIC AND PUBLIC ADDRESS
        U OF CAL BERKELEY, CALIFORNIA
                             9    5     9    3     6    3     9    1     0    0      31          0        31       NO          N/A



          SPEECH COMMUNICATION
        U OF SOUTHERN CALIFORNIA, CALIFORNIA
                             6   10     2   12     8   13     6    8     1    5
          BRIEF PROGRAM DESCRIPTION                                                                        63       NO          N/A
            COMMUNICATION THEORY: LANGUAGE BEHAVIOR: INTERPRETIVE COMMUNICATION: RHETORIC AND PUBLIC ADDRESS.
            PREREQUISITES: GRE APTITUDE: AM IN SPEECH.

          SPEECH COMMUNICATION
        UNIVERSITY OF DENVER, COLORADO
                             9   13     6   11    20    6    14    9    14    3
          BRIEF PROGRAM DESCRIPTION                                                                        75       NO          N/A
            PROGRAM EMPHASES: AREAS OF CONCENTRATION INCLUDE INTERPERSONAL & GROUP COMMUNICATION, COMM.
            THEORY,RHETORIC & PUBLIC ADDRESS, LANGUAGE BEHAVIOR & DEV. & SPEECH. GRADS ARE PREPARED FOR CAREERS
            IN BUS.  & IND., GOV'T & SOCL SERVICES, HEALTH-RELATED PROFESSIONS, EDUC, MEDIA & PERFORMING ARTS,
            LAW & MINISTRY. PREREQ FOR ADM.: AN M.A. IN SPEECH OR/RELATED AREA: GRE APTITUDE SCORES.

          SPEECH
        U OF OREGON MAIN CAMPUS, OREGON
                            14   11    17    4     9   10     8    7     5    3      28         12        40       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            AREAS OF CONCENTRATION INCLUDE RHETORIC AND COMMUNICATION, TELECOMMUNICATION, THEATRE AND FILM
            STUDIES. ALL PROGRAMS ARE INDIVIDUALLY DESIGNED TO SUIT  THE DESIRED EMPHASIS WITHIN THE
            CONCENTRATION AREA. PREREQUISITES: MA, APPROPRIATE EDUCATIONAL EXPERIENCE OR DEMONSTRATED SCHOLARLY
            CAPACITY. GRADS PREPARED FOR CAREERS AS PROFESSORS OR PROFESSIONALS  IN AREA OF CONCENTRATION.

          SPEECH
        UNIVERSITY OF WASHINGTON, WASHINGTON
                            11   10     9    6     8    8    10    3     2    3      24         17        41       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            COURSE WORK & SEMINARS IN THE VARIOUS AREAS WITHIN  THE FIELD: SPEECH SCIENCE: SPEECH APTHOLOGY:
            AUDIOLOGY: SPEECH COMMUNICATION SCIENCE: RHETORIC & PUBLIC ADDRESS: ORAL INTERPRETATION OF
            LITERATURE: AND SPEECH PEDAGOGY. FOR THE PH.D. DEGREE 3 MAJOR AREAS OF CONCENTRATION ARE AVAILABLE
            (WITH DIFFERENT SPECIALIZATIONS WITHIN EACH): RHETORIC & PUBLIC  ADDRESS: SPEECH SCIENCE: AND SPEECH
            PATHOLOGY OR  AUDIOLOGY.
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HEGIS CATEGORY: 1500 LETTERS

                                   *****  EARNED DEGREES CONFERRED  *****                                      MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1506       SPEECH
       WASHINGTON ST UNIVERSITY, WASHINGTON
                            17    2    23    8    21    4    20    0    35    2     48          8        56        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           THE DEPARTMENT OFFERS GRADUATE WORK IN RHETORICAL  & COMMUNICATION STUDIES & THEATRE ARTS & DRAMA.
           UNDERGRADUATE MAJORS IN EDUCATION, THE HUMANITIES &  THE SOCIAL SCIENCES MAY BE SUITABLY PREPARED
           FOR  GRADUATE WORK IN THE DEPARTMENT.


1506   TOTAL

                            71   52    73   44    73   44    67   29    59   24    145         42       325


       COUNT

                             7



1509       PHILOSOPHY
       UNIVERSITY OF ARIZONA, ARIZONA
                             0    1     5    0     4    4     3    0     5    1     23          7        30        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           IN ADDITION TO TRADITIONAL AREAS OF PHILOSOPHY, CONCENTRATIONS IN PHILOSOPHY OF SCIENCE AND
           PHILOSOPHY OF LAW ARE AVAILABLE. PROGRAMS ARE COORDINATED  ABOUT A CORE OF COURSES INCLUDING LOGIC,
           EPISTEMOLOGY, METAPHYSICS, AND ETHICS.

           PHILOSOPHY
       CLAREMONT GRADUATE SCHOOL, CALIFORNIA
                             5    2     0    5     2    6     4    1    10    1     15         37        52        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           DESIGNED TO PROVIDE STUDENTS WITH A SOLID FOUNDATION IN THE CLASSICAL, MODERN AND CONTEMPORARY
           PERIODS OF WESTERN PHILOSOPHY.

           PHILOSOPHY
       STANFORD UNIVERSITY, CALIFORNIA
                             4   14     5    5     7   10     8    4     6    7                          34        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           LOGIC AND FORMAL THEORIES OF LANGUAGE; EPISTEMOLOGY AND THE PHILOSOPHY OF SCIENCE; METAPHYSICS,
           THEPHILOSOPHY OF MIND, AND THE PHILOSOPHY OF LANGUAGE; ETHICS, VALUE THEORY, AND POLITICAL
           PHILOSOPHY;AND HISTORY OF PHILOSOPHY.

           PHILOSOPHY
       U OF CAL BERKELEY, CALIFORNIA
                             5    9     4    7     2   10     4   10     0    0     45          0        45       YES         NO
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HEGIS CATEGORY: 1500 LETTERS

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
1509	PHILOSOPHY U OF CAL DAVIS, CALIFORNIA	3	1	5	1	5	0	4	0	2	2	20	0	20	NO	N/A

BRIEF PROGRAM DESCRIPTION

COURSES INCLUDE THEORY OF KNOWLEDGE, LOGIC, ETHICS, METAPHYSICS, EPISTEMOLOGY, AND THE HISTORY OF PHILOSOPHY. GRADS ARE PREPARED FOR PROFESSIONAL CAREERS IN LAW AND MEDICINE, AS WELL AS TEACHING. PREREQ.: TWO OR THREE LETTERS OF RECOMMENDATION, GRE SCORES.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	PHILOSOPHY U OF CAL IRVINE, CALIFORNIA	2	0	1	1	1	3	3	2	2	1	18	2	20	NO	N/A

BRIEF PROGRAM DESCRIPTION

LOGIC, METAPHYSICS, EPISTEMOLOGY, ETHICS, POLITICAL PHILOSOPHY, PHILOSOPHY OF RELIGION, PHILOSOPHY OF SCIENCE, AESTHETICS. ADMISSION REQUIREMENTS: GRE APTITUDE TEST.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	PHILOSOPHY U OF CAL LOS ANGELES, CALIFORNIA	5	4	6	5	6	5	5	2	8	5			45	NO	N/A

BRIEF PROGRAM DESCRIPTION

THE GRADUATE PROGRAM OF THE DEPARTMENT OF PHILOSOPHY IS DESIGNED TO DEVELOP HIGHLY QUALIFIED SCHOLARS AT THE PH.D. LEVEL. THE EARLY STAGES OF THE PROGRAM INVOLVE INTENSIVE STUDY OF TOPICS IN EACH OF THE MAIN FIELDS OF PHILOSOPHY AND THE ADVANCED STAGES INVOLVE CONCENTRATION ON A SPECIFIC AREA OF RESEARCH. THE PROGRAM INCLUDES AREAS IN WHICH PHILOSOPHY OVERLAPS MATHEMATICS, THE NATURAL AND SOCIAL SCIENCES, HISTORY, ART LITERATURE, RELIGIOUS STUDIES, AND LAW.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	PHILOSOPHY U OF CAL RIVERSIDE, CALIFORNIA	3	0	2	0	2	2	5	0	0	0	11		11	YES	YES

BRIEF PROGRAM DESCRIPTION

AREAS OF STUDY ARE: METAPHYSICS, EPISTEMOLOGY, AXIOLOGY, LOGIC, PHILOSOPHY OF SCIENCE, OR AN AREA OF THE STUDENT'S CHOICE APPROVED BY THE STAFF. A FOREIGN LANGUAGE IS REQUIRED.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	PHILOSOPHY U OF CAL SAN DIEGO, CALIFORNIA	3	6	2	4	7	1	4	0	7	3	30		30	NO	N/A

BRIEF PROGRAM DESCRIPTION

AN UNDERSTANDING OF DIVERGENT PHILOSOPHICAL TRADITIONS AND ABILITY TO DEVELOP AS A PHILOSOPHER IN THE STUDENTS' OWN RIGHT IS THE OBJECTIVE OF THE PROGRAM. INCLUDED ARE HISTORY OF PHILOSOPHY AND THE STUDY, FROM A VARIETY OF PERSPECTIVES, OF TRADITIONAL & CONTEMPORARY PHILOSOPHICAL ISSUES. A GOOD GENERAL UNDERGRADUATE EDUCATION IS REQUIRED, AS WELL AS THE GRADUATE RECORD EXAMINATION, AND THREE LETTERS OF RECOMMENDATION.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	PHILOSOPHY U OF CAL SANTA BARBARA, CALIFORNIA	9	2	5	6	7	5	5	3	0	0	22	1	23	NO	N/A

BRIEF PROGRAM DESCRIPTION

STUDENTS MUST FULFILL: 1. THE REQUIREMENT IN LOGIC. 2. THE PRELIMINARY EXAMS IN THE AREAS OF: EPISTEMOLOGY AND METAPHYSICS, HISTORY OF PHILOSOPHY, ETHICS AND VALUE. 3. THE ORAL EXAMINATION. 4. TEACHING. 5. DISSERTATION.

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HEGIS CATEGORY: 1500 LETTERS

                               ***** EARNED DEGREES CONFERRED *****                                            MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1509       PHILOSOPHY
       U OF SOUTHERN CALIFORNIA, CALIFORNIA
                              4    3     7    5     5    6     7    3     3    3                         35      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           HISTORY OF CLASSICAL AND MODERN PHILOSOPHY EMPHASIS: SOCIAL AND POLITICAL PHILOSOPHY: PHILOSOPHY
           OFLAW OR SCIENCE, ETHICS, AESTHETICS, EPISTEMOLOGY,METAPHYSICS, PREREQUISITES: GRE APTITUDE: GRE
           ADVANCED PHILOSOPHY RECOMMENDED: AB IN PHILOSOPHY USUALLY.

           PHILOSOPHY
       U OF HAWAII AT MANOA, HAWAII
                             16    0    13    1    13    1     6    2    10    3      35          19        54      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           HISTORY AND PROBLEMS OF WESTERN PHILOSOPHY, ASIAN  PHILOSOPHY, COMPARATIVE PHILOSOPHY, THE
           OPPORTUNITY PROVIDED FOR SPECIALIZATION IN THE AREA OF ASIAN PHILOSOPHY IS UNIQUE, GRADUATES ARE
           PREPARED FORCAREERS IN UNIVERSITY TEACHING AND RESEARCH, PREREQS: GRE (APTITUDE AND ADVANCED),
           MINIMUM UNDERGRADUATE BACKGROUND OF 30 CREDITS IN PHILOSOPHY: THREELETTERS OF RECOMMENDATION, A
           SAMPLE OF WRITTEN WORK.

           PHILOSOPHY
       U OF OREGON MAIN CAMPUS, OREGON
                              1    2     0    0     2    3     0    2     0    0      14           3        17      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           ETHICS, EPISTEMOLOGY, PHILOSOPHY OF MIND, PHILOSOPHY OF LANGUAGE, METAPHYSICS, GRADUATES ARE
           PREPARED FOR CAREERS IN TEACHING PHILOSOPHY, PREREQUISITES FOR ADMISSIONS INCLUDE BACHELORS IN
           PHILOSOPHY.

           PHILOSOPHY
       UNIVERSITY OF UTAH, UTAH
                              1    0     1    0     4    0     2    0     5    0                         12      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           ETHICS, SOCIAL AND POLITICAL PHILOSOPHY, AESTHETICS, PHILOSOPHY OF RELIGION, PHILOSOPHY OF LANGUAGE,
           LOGIC, PHILOSOPHY OF SCIENCE, EPISTEMOLOGY, PHILOSOPHY OF MIND, METAPHYSICS, HISTORY OF PHILOSOPHY.

           PHILOSOPHY
       UNIVERSITY OF WASHINGTON, WASHINGTON
                              8    5     6    2    10    2     3    1     3    0      27           5        32      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE DEPARTMENT HAS A STRONG PROGRAM IN BOTH CONTEMPORARY & TRADITIONAL PHILOSOPHY, STRONG EMPHASIS
           IS PLACED ON THE DEVELOPMENT OF ANALYTICAL SKILLS BY THE STUDENT,BUT COURSES ARE OFFERED OVER A
           BROAD  SPECTRUM INCLUDING AESTHETICS,CONTEMPORARY ANALYTICAL PHILOSOPHY,EASTERN
           PHILOSOPHY,EPISTOMOLOGY,ETHICS EXISTENTIALISM,HISTORY OF
           PHILOSOPHY,LOGIC,METAPHYSICS,PHENOMENOLOGY,PHILOSOPHICAL PSYCHOLOGY,PHILOSOPHY OF
           LANGUAGE,PHILOSOPHY OF RELIGION,PHILOSOPHY OF SCIENCE,SOCIAL & POLITICAL PHILOSOPHY.

           PHILOSOPHY
       UNIVERSITY OF COLORADO, COLORADO
                              5    1     4    2     4    2     6    3     8    1                         53      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           CURRICULAR EMPHASES OR SUBSPECIALTIES: TRAINING STUDENTS IN A BROAD SPECTRUM OF PHILOSOPHICAL
           TRADITIONS, PRIMARY CAREERS: UNIVERSITY TEACHING.
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HEGIS CATEGORY: 1500 LETTERS

                               ***** EARNED DEGREES CONFERRED *****                                                  MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/      1973-74     1974-75     1975-76     1976-77     1977-78    GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION        MAST DOCT   MAST DOCT   MAST DOCT   MAST DOCT   MAST DOCT   FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1509        PHILOSOPHY
        U OF NM MAIN CAMPUS, NEW MEXICO
                               2    0      4    1      3    2      5    0     11    1                             39       NO           N/A
         BRIEF PROGRAM DESCRIPTION
           EUROPEAN TRADITIONS (ANCIENT GREEK, MEDIAEVAL EUROPEAN, 17TH-18TH CENTURY, 19TH-20TH CENTURY, 20TH
           CENTURY; ASIAN TRADITIONS (BUDDHIST, CHINESE, INDIAN); AMERICAN TRADITIONS; PHILOSOPHIC DISCIPLINES
           (AESTHETICS, ETHICS, PHILOSOPHY OF LINGUISTICS, PHILOSOPHY OF RELIGION, PHILOSOPHY OF SCIENCE);
           PHENOMENOLOGICAL METHODOLOGY; RELIGIOUS STUDIES, ENVIRONMENTAL ETHICS.

            PHILOSOPHY
        CAL INST OF ASIAN STUDIES, CALIFORNIA
                               0    0      1    1      0    0      0    0      0    0                                      NO           N/A



1509    TOTAL

                              76   50     71   46     84   62     74   33     80   28      260         74         552


        COUNT

                              18



1510        RELIGIOUS STUDIES
        CLAREMONT GRADUATE SCHOOL, CALIFORNIA
                               4    8      3   13      5    9      7    7      4   14       30         78         108       NO           N/A
         BRIEF PROGRAM DESCRIPTION
           INDIVIDUALIZED STUDY PROGRAMS COVERING A WIDE SCOPE OF INTEREST IN THE FOLLOWING FIELDS: PHILOS.
           OFRELIGION & THEOLOGY, OLD & NEW TESTAMENT, HIST. OF  CHRISTIANITY.

            NON AREA STUDIES
        GRADUATE THEOL UNION, CALIFORNIA
                               8    1      0    1      0    1      0    2      0    1                             12       NO           N/A
         BRIEF PROGRAM DESCRIPTION
           INDIVIDUAL PROGRAMS WHICH CUT ACROSS VARIOUS AREAS  OF CONCENTRATION CAN BE PROPOSED BY THE STUDENT
           AFTER CONSULTATION WITH THE FACULTY. SUCH PROGRAMS  MUST MEET FACULTY CRITERIA FOR COHERENCE AND
           ADEQUATE COMPETENCE AND MUST CONFORM TO THE GENERAL REQUIREMENTS FOR THE DOCTORAL PROGRAM.

            RELIGIOUS STUDIES
        STANFORD UNIVERSITY, CALIFORNIA
                               2    0      1    3      3    1      3    1      4    0                             12       NO           N/A
         BRIEF PROGRAM DESCRIPTION
           EAST ASIAN RELIGIONS, NEAR EASTERN RELIGIONS, MODERN RELIGIOUS THOUGHT, AND AMERICAN RELIGIONS.
           STUDENTS MAY PROPOSE OTHER SUBSTANTIAL FIELDS OF STUDY.
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HEGIS CATEGORY: 1500 LETTERS

                                  ***** EARNED DEGREES CONFERRED *****                                          MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1510         RELIGIOUS STUDIES
         U OF CAL SANTA BARBARA, CALIFORNIA
                              2    0     6    0     7    2    12    4     0    0     36          1        37       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             TRAINING IS RECEIVED PRIMARILY IN CROSS-CULTURAL STUDIES IN RELIGIOUS TRADITIONS AND
             INTERDISCIPLINARY STUDIES IN RELIGION AND THE HUMANITIES.

             RELIGION SOCIAL ETHICS
         U OF SOUTHERN CALIFORNIA, CALIFORNIA
                              3    4     2    4     4    0     1    1     5    3                           37       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             THEOLOGICAL ETHICS (ANALYSIS OF SYSTEMATIC THEOLOGIANS' ETHICAL THOUGHT); SOCIAL CRITICISM AND
             SOCIAL CHANGE (ETHICAL CRITICISM OF SOCIAL POLICY IN ECONOMICS, POLITICS, BUSINESS AND MEDICINE,
             ESPECIALLY US.S); DESCRIPTIVE AND COMPARATIVE ETHICS (EMPIRICAL INVESTIGATION OF SOCIETAL AND
             SUBCULTURAL MORAL IDENTITIES; JUDAIC STUDIES - JOINT PROGRAM WITH HEBREW UNION COLLEGE.
             PREREQUISITES: GRE APTITUDE; AB.

1510     TOTAL

                             19   13    12   21    19   13    23   15    13   18     66         79       206

         COUNT

                              5

1599         MODERN THOUGHT AND LITERATURE
         STANFORD UNIVERSITY, CALIFORNIA
                              1    1     1    2     1    1     4    2     1    1                           19       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             THE USE OF LITERATURE AND LITERARY ANALYSIS TO STUDY SEVERAL AREAS OF MODERN THOUGHT-INCLUDING
             HISTORY, PSYCHOLOGY, PHILOSOPHY, ANTHROPOLOGY, LINGUISTICS, POLITICAL AND SOCIAL THOUGHT, RELIGIOUS
             STUDIES, THE ARTS, AND CONTEMPORARY CULTURE GENERALLY.

             APPLIED LINGUISTICS AND ROMANCE LINGUISTICS
         U OF CAL LOS ANGELES, CALIFORNIA
                              4    0     7    1     3    1     4    1     5    0                           39       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             THE PH.D. DEGREE IN APPLIED LINGUISTICS PREPARES STUDENTS TO APPLY RELEVANT ELEMENTS OF LINGUISTICS,
             PSYCHOLINGUISTICS, AND SOCIOLINGUISTICS TO THE SOLUTION OF PRACTICAL PROBLEMS OF LANGUAGE USE AND
             LANGUAGE TEACHING.
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HEGIS CATEGORY: 1500 LETTERS

                                 ***** EARNED DEGREES CONFERRED *****                                               MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

1599       LITERARY STUDIES
         WASHINGTON ST UNIVERSITY, WASHINGTON
                            0    0     0    0     0    0     0    1     0    0       5          1         6      NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE CANDIDATE IS EXPECTED TO ATTAIN A GENERAL COMPETENCE IN ENGLISH (INCLUDING AMERICAN) LANGUAGE &
            LITERATURE & A SIMILAR COMPETENCE IN HIS PRIMARY  FOREIGN LANGUAGE & ITS LITERATURE. HE IS EXPECTED
            TO ATTAIN A SPECIAL COMPETENCE IN AN AREA OF STUDY(E.G., A GENRE, A PERIOD OR MOVEMENT, A THEME OR
            IDEA) INVOLVING ENGLISH LANGUAGE & LITERATURE, HIS PRIMARY FOREIGN LANGUAGE & ITS LITERATURE & HIS
            SECONDARY LANGUAGE & ITS LITERATURE.

           OTHER LETTERS
         CAL INST OF ASIAN STUDIES, CALIFORNIA
                            0    0     0    0     2    2     0    0     0    0                                     NO          N/A



1599     TOTAL

                            5    1     8    3     6    4     8    4     6    1       5          1        64


         COUNT

                            4



CATEGORY TOTAL

                          741  422   715  385   705  382   616  349   569  246    1822        492      3857


         COUNT

                           85
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HEGIS CATEGORY: 1600 LIBRARY SCIENCE

                             ***** EARNED DEGREES CONFERRED  *****
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  MANDATORY    CEILING
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   CEILING ON   LEVEL
                                                                                                               ENROLLMENT   REACHED
1601        LIBRARY SCIENCE
        U OF CAL BERKELEY, CALIFORNIA
                           152    3  136    4   97    2  115    3    0    0    171          0         171        YES          NO


           LIBRARY & INFORMATION SERVICES
        U OF CAL LOS ANGELES, CALIFORNIA
                            78    0   56    0   55    0   93    0   64    0
          BRIEF PROGRAM DESCRIPTION                                                                     172        NO           N/A
            THE PH.D. IN LIBRARY AND INFORMATION SCIENCE IS GRANTED IN RECOGNITION OF DISTINGUISHED ATTAINMENT
            IN THE THEORY AND PRACTICE OF LIBRARY AND INFORMATION SCIENCE, ESPECIALLY AS DEMONSTRATED BY A
            SIGNIFICANT ORIGINAL RESEARCH CONTRIBUTION. THE SCHOOL PRESENTLY OFFERS THREE AREAS OF RESEARCH
            SPECIALIZATION: LIBRARIANSHIP, BIBLIOGRAPHY, AND INFORMATION  SCIENCE.

           LIBRARY SCIENCE
        U OF SOUTHERN CALIFORNIA, CALIFORNIA
                           202    2  213    0  183    2  138    4  143    2
          BRIEF PROGRAM DESCRIPTION                                                                     262        NO           N/A
            LIBRARY ADMINISTRATION: BIBLIOGRAPHY OR REFERENCESERVICE: TECHNICAL SERVICES: INFORMATION
            SCIENCE.PREREQUISITES: GRE APTITUDE: MS IN LS: 2 YEARS PROFESSIONAL EXPERIENCE.

1601      TOTAL

                           432    5  405    4  335    4  346    7  207    2    171          0         605


          COUNT

                             3


CATEGORY TOTAL

                           432    5  405    4  335    4  346    7  207    2    171          0         605


          COUNT

                             3
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HEGIS CATEGORY: 1700 MATHEMATICS

                            ***** EARNED DEGREES CONFERRED *****                                           MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

1701        MATHEMATICS
      ARIZONA STATE UNIVERSITY, ARIZONA
                            14    2    13   4    19   1    14   2    11   0      8          3        11        NO         N/A
        BRIEF PROGRAM DESCRIPTION
          STUDIES IN APPLIED MATHEMATICS, NUMERICAL ANALYSIS, OPERATIONS RESEARCH, INTEGRAL EQUATIONS,
          PROBABILITY, REAL, COMPLEX, AND FUNCTIONAL ANALYSIS, TOPOLOGY, AND OTHER AREAS. GRADS ARE PREPARED
          FOR TEACHING AND RESEARCH POSITIONS IN INDUSTRY AND EDUCATIONAL AND GOVERNMENTAL INSTITUTIONS.
          PREREQS: MASTERS DEGREE IN MATHEMATICS OR A RELATED FIELD, ACCEPTABLE GRE SCORES.

            MATHEMATICS
      UNIVERSITY OF ARIZONA, ARIZONA
                            11    3     9   1     5   2     4   3     5   3     26          9        35        NO         N/A
        BRIEF PROGRAM DESCRIPTION
          CONCENTRATIONS AVAILABLE IN PURE, APPLIED, OR COMPUTER MATHEMATICS OR IN PROBABILITY AND STATISTICS.
          STUDENTS ARE ENCOURAGED TO PURSUE A BROAD RANGE OF MATHEMATICAL TOPICS.

            MATHEMATICS
      CAL INST OF TECHNOLOGY, CALIFORNIA
                             4    7     8   3     4   2     3   2     1   3     22          0        22        NO         N/A
        BRIEF PROGRAM DESCRIPTION
          THE PRINCIPAL AIM OF THE GRADUATE PROGRAM IS TO EQUIP THE STUDENT TO DO ORIGINAL RESEARCH IN
          MATHEMATICS. AREAS OF SPECIALIZATION: AIR POLLUTION CONTROL, AEROSOL PHYSICS AND CHEMISTRY, WATER
          QUALITY CONTROL, WASTEWATER RECLAMATION AND REUTILIZATION,AQUATIC CHEMISTRY, MARINE ECOLOGY,
          ENVIRONMENTAL FLUID MECHANICS, WATER RESOURCES, ENVIRONMENTAL HEALTH ENGINEERING, BIOENGINEERING,
          HYDRAULIC ENGINEERING, COASTAL ENGINEERING, ENVIRONMENTAL ECONOMICS, AND SYSTEMS ANALYSIS.

            MATHEMATICS
      CLAREMONT GRADUATE SCHOOL, CALIFORNIA
                             5    3     4   4    11   1     9   2     7   3     13         16        29        NO         N/A
        BRIEF PROGRAM DESCRIPTION
          THE DOCTORAL PROGRAM IS DESIGNED FOR STUDENTS SEEKING A CAREER AS A RESEARCH MATHEMATICIAN.
          SEVERALSPECIALIZED MA PROGRAMS FOR STUDENTS SEEKING IMMEDATE EMPLOYMENT IN INDUSTRY, GOVERNMENT OR
          HIGHER EDUCATION.

            MATHEMATICAL SCIENCES
      LOMA LINDA UNIVERSITY, CALIFORNIA
                             1    0     1   0     0   1     0   0     1   0      2          5         7        NO         N/A
        BRIEF PROGRAM DESCRIPTION
          EMPHASIS IN MATHEMATICS, STATISTICS, COMPUTER SCIENCE, NUMERICAL ANALYSIS, AND RELEVANT PHYSICAL AND
          LIFE SCIENCES. THE EQUIVALENT OF A MAJOR IN ONE FIELD OF SCIENCE OR MATHEMATICS IS A
          PREREQUISITE.EACH STUDENT'S PROGRAM IS TAILORED INDIVIDUALLY. PREPARES STUDENTS FOR STATISTICIANS,
          RESEARCHERS, AND TEACHERS.

            MATHEMATICS
      STANFORD UNIVERSITY, CALIFORNIA
                            18    5     9  14    17  10     9  13    19   5                          69        NO         N/A
        BRIEF PROGRAM DESCRIPTION
          SEE STANFORD UNIVERSITY BULLETIN.
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HEGIS CATEGORY: 1700 MATHEMATICS

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
1701	MATHEMATICS U OF CAL BERKELEY, CALIFORNIA	93	30	65	41	46	37	70	26	0	0	240	0	240	YES	NO
	MATHEMATICS U OF CAL DAVIS, CALIFORNIA BRIEF PROGRAM DESCRIPTION STUDIES IN PURE AND APPLIED MATHEMATICS, NUMERICAL ANALYSIS, AND STATISTICS. GRADS ARE PREPARED FOR CAREERS IN TEACHING AT THE UNIVERSITY LEVEL, PRIVATE INDUSTRY. PREREQ.: TWO OR THREE LETTERS OF RECOMMENDATION, GRE SCORES, AND A DESCRIPTION OF PREVIOUS COURSES IN MATHEMATICS TAKEN.	8	5	6	1	6	2	4	5	10	3	47	0	47	NO	N/A
	MATHEMATICS U OF CAL IRVINE, CALIFORNIA BRIEF PROGRAM DESCRIPTION ANALYSIS; GEOMETRY AND GEOMETRIC ANALYSIS; LOGIC AND ALGEBRA; PROBABILITY, STATISTICS, AND OPTIMAL PROCEDURES. ADMISSION REQUIREMENTS: UNDERGRADUATE PREPARATION IN MATHEMATICS; MASTER'S DEGREE; GRE APTITUDE TEST.	5	4	4	5	4	1	2	3	1	1	35	2	37	NO	N/A
	MATHEMATICS U OF CAL LOS ANGELES, CALIFORNIA BRIEF PROGRAM DESCRIPTION MOST OF THE IMPORTANT AREAS IN MATHEMATICS ARE REPRESENTED AMONG THE RESEARCH INTERESTS OF THE MATHEMATICS FACULTY AND ARE REFLECTED IN TURN IN THE AREAS OF STUDY OPEN TO STUDENTS. BOTH THE M.A. AND PH.D. PROGRAMS HAVE PARALLEL TRACKS FOR STUDENTS INTERESTED IN PURE OR IN APPLIED MATHEMATICS.	36	9	41	21	29	14	29	7	29	10			139	NO	N/A
	MATHEMATICS U OF CAL RIVERSIDE, CALIFORNIA BRIEF PROGRAM DESCRIPTION IN ADDITION TO COMPLETING A THESIS, THE PH.D. STUDENT MUST DEMONSTRATE A READING KNOWLEDGE OF TWO FOREIGN LANGUAGES AND PASS WRITTEN QUALIFYING EXAMINATION IN FOUR OF THE FOLLOWING AREAS: ALGEBRA, APPLIED MATHEMATICS, COMPLEX ANALYSIS, REAL ANALYSIS, AND GEOMETRY/TOPOLOGY.	7	4	11	2	3	5	5	6	6	2	32		32	NO	N/A
	MATHEMATICS U OF CAL SAN DIEGO, CALIFORNIA BRIEF PROGRAM DESCRIPTION THE PROGRAM LEADS TO RESEARCH WORK IN ALL THE MAJOR AREAS OF PURE AND APPLIED MATHEMATICS: ALGEBRA,ANALYSIS, LOGIC, DIFFERENTIAL GEOMETRY, TOPOLOGY,NUMERICAL ANALYSIS, PROBABILITY AND STATISTICS. UNDERGRADUATE MAJORS IN MATHEMATICS AND SATISFACTORY SCORES ON THE GRADUATE RECORD EXAMINATION, INCLUDING ADVANCE EXAMINATION IN MATHEMATICS ARE REQUIRED.	17	8	11	9	13	8	7	6	18	5	52	5	57	NO	N/A

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HEGIS CATEGORY: 1700 MATHEMATICS

                              ***** EARNED DEGREES CONFERRED *****                                                MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78   CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

1701        MATHEMATICS
       U OF CAL SANTA BARBARA, CALIFORNIA
                             15    2    13    2     9    1    15    4     0    0     43           2       45        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THERE ARE TWO MAJOR TRACKS IN THE GRADUATE PROGRAM: A COMPUTER SCIENCE TRACK AND A PROBABILITY AND
           STATISTICS TRACK. 36 UNITS OF APPROVED UPPER DIVISION OR GRADUATE WORK FOR THE MA.

            MATHEMATICS
       U OF CAL SANTA CRUZ, CALIFORNIA
                              3    0     1    2     1    2     3    3     1    0     16                   16        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE PROGRAM IS CENTERED ON FACULTY STRENGTHS IN ALGEBRA, ANALYSIS, GEOMETRY AND GLOBAL ANALYSIS.
           STUDENTS ARE ENCOURAGED TO PURSUE KNOWLEDGE IN APPLIED MATHEMATICS, STATISTICS, NUMERICAL ANALYSIS
           OR COMPUTER SCIENCES. PROGRAM FEATURES COLLOQUIA AND SEMINAR INSTRUCTION AND INCLUDES CLOSE CONTACT
           WITH  UC BERKELEY AND STANFORD UNIVERSITY MATHEMATICIANS.

            MATHEMATICS
       U OF SOUTHERN CALIFORNIA, CALIFORNIA
                              3    6    22    2     2    4    17    1    10    3                          48        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           DIFFERENTIAL EQUATIONS: TOPOLOGY: ALGEBRA: PROBABILITY: NUMBERS THEORY: CONTROL THEORY: FUNCTIONAL
           ANALYSIS: NUMERICAL ANALYSIS: COMBINATORIAL ANALYSIS. PREREQUISITES: GRE APTITUDE AND ADVANCED
           MATHEMATICS: AB IN MATHEMATICS.

            MATHEMATICS
       U OF NORTHERN COLORADO, COLORADO
                             10    3    10    2     6    5    10    2     5    4                          12        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           A PROGRAM DESIGNED TO PROVIDE THE STUDENT WITH A VARIETY OF COURSES TO BROADEN AND ENRICH HIS/HER
           KNOWLEDGE OF MATHEMATICS. A STUDENT SUCCESSFULLY COMPLETING THIS PROGRAM IS QUALIFIED TO TEACH MOST
           COURSES IN AN UNDERGRADUATE MATHEMATICS CURRICULUM.

            MATHEMATICS
       COLORADO STATE UNIVERSITY, COLORADO
                             25    2    13    2    14    5    11    0    14    1                          49        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PROGRAMS IN PURE & APPLIED MATHEMATICS. AREAS OF SPECIALIZATION INCLUDE ALGEBRA, ANALYSIS, APPLIED
           MATHEMATICS, APPROXIMATION THEORY, COMBINATORICS, DIFFERENTIAL EQUATIONS, GEOMETRY, NUMERICAL
           ANALYSIS & TOPOLOGY.

            MATHEMATICS
       UNIVERSITY OF DENVER, COLORADO
                              8    2     6    3     7    2     2    0     6    3                          62        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           STUDY INVOLVES THREE LEVELS OF COURSES: CORE COURSES IN ANALYSIS & ABSTRACT MATHEMATICAL STRUCTURES,
           ADVANCED COURSES IN PURE & APPLIED MATHEMATICS &GENERAL TOPIC COURSES PRESENTING RECENT DEVELOPMENTS
           IN AREAS OF CURRENT INTEREST. GRADS ARE PREPARED FOR CAREERS IN TEACHING, RESEARCH & INDUSTRY.
           REQUIREMENTS FOR ADMISSIONS INCLUDE AN M.A. OR ACCEPTABLE SCORES ON THE GRE ADVANCED TEST & THE
           APTITUDE TEST OF THE GRE.
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HEGIS CATEGORY: 1700 MATHEMATICS

                                ***** EARNED DEGREES CONFERRED *****                                             MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1701        MATHEMATICS
       U OF HAWAII AT MANOA, HAWAII
                            17    1     0    0     3    1     3    0     3    0     11          9        20       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           NUMBER THEORY, COMBINATORICS, RING THEORY, GROUP THEORY, UNIVERSAL ALGEBRA, AND MATHEMATICAL
           LOGIC.TOPOLOGY, REAL AND COMPLEX ANALYSIS, FUNCTIONAL ANALYSIS, PROBABILITY, AND APPLIED
           MATHEMATICS. GRADUATES ARE PREPARED FOR CAREERS IN UNIVERSITY TEACHING AND IN RESEARCH. PREREQS: GRE
           (APTITUDE AND ADVANCED). MINIMUM PREPARATION IN DIFFERENTIAL AND INTEGRAL CALCULUS, LINEAR ALGEBRA,
           ADVANCED CALCULUS, ABSTRACT ALGEBRA.

            MATHEMATICS
       IDAHO STATE UNIVERSITY, IDAHO
                             5    6     3    4     7    2     2    2     3    0     15          4        19       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE DOCTOR OF ARTS IN MATHEMATICS IS DESIGNED PRIMARILY TO PREPARE THE STUDENT FOR A TEACHING CAREER
           IN INSTITUTIONS OF HIGHER LEARNING. THE PROGRAM EMPHASIZES BROAD COMPETENCE IN MATHEMATICS RATHER
           THAN SPECIALIZATION AND MAKES PROVISION FOR CLASSROOM TEACHING EXPERIENCES. NOTE: PROGRAM LEADS TO
           AWARD OF DOCTOR OF ARTS DEGREE.

            MATHEMATICS
       UNIVERSITY OF IDAHO, IDAHO
                             7    1     9    2     6    1     6    0     3    0      8          2        10       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           IN ADDITION TO THE GENERAL REQUIREMENTS, A READING  KNOWLEDGE IN TWO FOREIGN LANGUAGES IS REQUIRED.
           FRENCH, GERMAN OR RUSSIAN ARE RECOMMENDED.

            MATHEMATICS
       MONTANA STATE UNIVERSITY, MONTANA
                             4    5     6    3     7    1     7    2     8    1                          26       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           AREAS ARE CHOSEN FROM REAL ANALYSIS, COMPLEX ANALYSIS, ALGEBRA, TOPOLOGY, NUMERICAL ANALYSIS,
           FUNCTIONAL ANALYSIS, APPROXIMATION THEORY, OR OTHER SUCH  TOPICS AS THE STUDENT'S COMMITTEE MAY
           APPROVE. STATISTICS MAJORS MUST DEMONSTRATE PROFICIENCY IN LINEAR STATISTICAL MODELS, STATISTICAL
           INFERENCE, &  AT LEAST TWO OF THE FOLLOWING: MULTIVARIATE ANALYSIS, DESIGN OF EXPERIMENTS, REAL
           ANALYSIS OR PROBABILITY.

            MATHEMATICS
       UNIVERSITY OF MONTANA, MONTANA
                            26    1     3    0     1    3     1    2     5    3     16          5        21       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           AREAS OF CONCENTRATION ARE ALGEBRA, PROBABILITY &STATISTICS, NUMERICAL & APPLIED MATHEMATICS,
           CLASSICAL & FUNCTIONAL ANALYSIS, FOUNDATIONS & LOGIC, TOPOLOGY, THE GRADUATE RECORD EXAMINATION IS
           REQUIRED AS IS COMPETENCE IN TWO LANGUAGES SELECTED FROM  FRENCH, GERMAN & RUSSIAN. GRADUATES MAY
           FIND EMPLOYMENT IN HIGHER EDUCATION OR RESEARCH.
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HEGIS CATEGORY: 1700 MATHEMATICS

                               ***** EARNED DEGREES CONFERRED *****                                                  MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74   1974-75   1975-76   1976-77   1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

1701        MATHEMATICS
      NM STATE U MAIN CAMPUS, NEW MEXICO
                              7    4    6    6    5    3    8    4    9    2                            33       NO          N/A
        BRIEF PROGRAM DESCRIPTION
          ALGEBRA, ANALYSIS, APPLIED MATHEMATICS, COMPUTER SCIENCE, CONSTRUCTIVE MATHEMATICS, FOUNDATIONS,
          GEOMETRY, MATHEMATICAL PHYSICS, MATHEMATICS EDUCATION, NUMBER THEORY, NUMERICAL ANALYSIS,
          PROBABILITY,STATISTICS, TOPOLOGY, CAREERS-MATHEMATICIANS, HIGHER EDUCATION FACULTY.

            MATHEMATICS
      OREGON STATE UNIVERSITY, OREGON
                              3    8    4    4    7    7    4    4    5    4    38          1           39       NO          N/A
        BRIEF PROGRAM DESCRIPTION
          MAJOR FIELDS ARE ANALYSIS, ALGEBRA, GEOMETRY, AND  APPLIED MATHEMATICS.

            MATHEMATICS
      U OF OREGON MAIN CAMPUS, OREGON
                             20    3   15    8   17    1   13    4   21    5    57          6           63       NO          N/A
        BRIEF PROGRAM DESCRIPTION
          PH.D. THESIS STUDENTS ARE ACCEPTED IN THE SUBFIELDS OF ALGEBRA, ANALYSIS, APPLIED MATHEMATICS,
          ALGEBRAIC AND DIFFERENTIAL GEOMETRY, NUMBER THEORY, NUMERICAL ANALYSIS, PROBABILITY, STATISTICS, AND
          TOPOLOGY. PH.D. STUDENTS BECOME QUALIFIED AS COLLEGE OR UNIVERSITY MATHEMATICS OR STATISTICS
          TEACHERS. THE PH.D. ALSO QUALIFIES A RECIPIENT AS A PROFESSIONAL MATHEMATICIAN OR STATISTICIAN IN
          BUSINESS OR INDUSTRY.

            MATHEMATICS
      UNIVERSITY OF UTAH, UTAH
                             13    3    0    9    6    4   10    8    6    3                            43       NO          N/A
        BRIEF PROGRAM DESCRIPTION
          ALGEBRA, ALGEBRAIC GEOMETRY, ANALYSIS, DIFFERENTIAL EQUATIONS, NUMERICAL ANALYSIS, PROBABILITY AND
          STATISTICS, TOPOLOGY.

            MATHEMATICS
      UNIVERSITY OF WASHINGTON, WASHINGTON
                             15   13   13    9   17    8   14    3   19    4    78         12           90       NO          N/A
        BRIEF PROGRAM DESCRIPTION
          THE DEPARTMENT HAS A LARGE NUMBER OF ACTIVE RESEARCH MATHEMATICIANS WORKING IN THE FIELDS OF
          ALGEBRA,TOPOLOGY,REAL & COMPLEX ANALYSIS,FUNCTIONAL ANALYSIS,CONVEXITY,DIFFERENTIAL
          GEOMETRY,LOGIC,PROBABILITY & STATISTICS. THE BASIC REQUIREMENTS FOR THE PH.D. ARE A READING
          KNOWLEDGE OF TWO FOREIGN LANGUAGES(SELECTED FROM FRENCH,GERMAN OR RUSSIAN).THE PASSING OF 3
          EXAMINATIONS(IN THE FIELDS OF ALGEBRA,REAL ANALYSIS & DIFFERENTIAL ANALYSIS) & THE WRITING OF A
          SCHOLARLY & ORIGINAL DOCTORAL DISSERTATION.
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HEGIS CATEGORY: 1700 MATHEMATICS

                             *****  EARNED DEGREES CONFERRED  *****                                        MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78 CEILING ON  LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

1701        MATHEMATICS
        WASHINGTON ST UNIVERSITY, WASHINGTON
                             15    6     9    3    11    3     9    2     6    1     34          2        36       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            WRITTEN EXAMINATIONS IN THE "CORE" AREAS OF REAL ANALYSIS, ALGEBRA & COMPLEX VARIABLES, ABILITY TO
            READ MATHEMATICAL LITERATURE IN TWO OF THE FOREIGN  LANGUAGES FRENCH, GERMAN & RUSSIAN; PASSING AN
            ORAL PRELIMINARY EXAMINATION; COMPLETION OF A DOCTORAL THESIS WHICH IN ORIGINALITY, IMPORTANCE &
            CORRECTNESS IS AT LEAST GOOD ENOUGH TO APPEAR IN A RESEARCH JOURNAL; & PASSING A FINAL ORAL
            EXAMINATION ARE REQUIRED.

            MATHEMATICS
        UNIVERSITY OF WYOMING, WYOMING
                              1    4     5    2     4    2     4    1     4    2                                22       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            ALGEBRA, ANALYSIS, APPLIED MATHEMATICS, GEOMETRY LOGIC AND FOUNDATIONS, NUMERICAL METHODS,
            PROBABILITY, THEORY OF NUMBERS, TOPOLOGY MINOR.  PREREQS: MATHEMATICAL READING KNOWLEDGE OF 1
            LANGUAGE.  DEMONSTRATED SUPERIOR ABILITY IN STRONG UNDERGRADUATEPROGRAM.  21 UPPER DIVISION WORK ARE
            CONSIDERED AS  PREPARATORY TO GRADUATE STUDY.

            MATHEMATICS
        UNIVERSITY OF COLORADO, COLORADO
                             13    7    11    5    12    6    13    9    10    7                               105       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            CURRICULAR EMPHASES OR SUBSPECIALTIES: ALGEBRA, TOPOLOGY, REAL ANALYSIS & COMPLEX VARIABLES, LOGIC &
            FOUNDATIONS, DIFFERENTIAL GEOMETRY, PROBABILITY &  STATISTICS, NUMERICAL ANALYSIS, DIFFERENTIAL
            EQUATIONS, NUMBER THEORY, MATHEMATICAL PHYSICS, GEOMETRY & TOPOLOGY, FUNCTIONAL ANALYSIS, PRIMARY
            CAREERS: TEACHING & RESEARCH & DEVELOPMENT.

            MATHEMATICS
        U OF NM MAIN CAMPUS, NEW MEXICO
                              6    5     3    5     7    5     7    6     4    6                                38       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            PURE MATHEMATICS (ALGEBRA, COMBINATORICS, COMPLEXANALYSIS, FUNCTIONAL ANALYSIS, GRAPH THEORY,
            HARMONIC ANALYSIS), APPLIED MATHEMATICS (COMPUTING, NUMERICAL ANALYSIS, ORDINARY AND PARTIAL
            DIFFERENTIAL  EQUATIONS), AND APPLIED STATISTICS (APPLIED STATISTICS, DATA ANALYSIS, MARKOV
            PROCESSES, RELIABILITY, SAMPLE SURVEYS, TIME SERIES), CAREER: ACADEMIA,  INDUSTRIAL APPLICATIONS,
            SCIENTIFIC LABORATORY SETTING, PRIVATE CONSULTING, GOVERNMENT SCIENTIFIC WORK.

1701    TOTAL

                            435  162   334  178   306  150   315  132   250   84    793         83      1522

        COUNT

                             32
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493

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HEGIS CATEGORY: 1700 MATHEMATICS

                                 *****  EARNED DEGREES CONFERRED  *****                                                   MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED


1702        STATISTICS
         STANFORD UNIVERSITY. CALIFORNIA
                             26    6    29    4    32   13    29    7    27    4                          64       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             SEE STANFORD UNIVERSITY BULLETIN.

            STATISTICS
         U OF CAL BERKELEY. CALIFORNIA
                             19    8     8   12    23    9    25    8     0    0      82          0       82       YES         NO


            APPLIED STATISTICS
         U OF CAL RIVERSIDE. CALIFORNIA
                              0    3     0    2     0    0     0    0     0    0      34          1       35       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             SPECIALITIES INCLUDE POPULATION ECOLOGY. POPULATION GENETICS. BIOLOGICAL CONTROL. HYDROLOGY.
             EPIDEMIOLOGY. GEOLOGY. DISCRIMINATION IN LEARNING OR SCALES AND MEASUREMENTS. PROPER BACKGROUND IN
             MATHEMATICS AND STATISTICS IS ESSENTIAL. TEACHING PRACTICE  WILL BE REQUIRED. THE PH.D. GRADUATE WILL
             BE QUALIFIED FOR TEACHING. RESEARCH AND CONSULTATION.

            STATISTICS
         COLORADO STATE UNIVERSITY. COLORADO
                              7    2     6    1     7    5     4    1     8    1                          33       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             POSSIBLE AREAS OF RESEARCH FOR DOCTORAL DISSERTATIONS INCLUDE ADVANCED METHODOLOGY. STOCHASTIC
             PROCESSES. MULTIDIMENSIONAL STATISTICS. & DESIGN OF EXPERIMENTS.

            STATISTICS
         OREGON STATE UNIVERSITY. OREGON
                              4    0    10    4    14    4     7    1    10    4      34          7       41       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             RESEARCH PROGRAMS COVER WORK IN MATHEMATICAL STATISTICS. APPLIED STATISTICS. BIOMETRY. AND
             OPERATIONS RESEARCH. STUDENTS MAY CONCENTRATE ON THEORY OR  ON APPLICATIONS TO A NUMBER OF FIELDS.
             INCLUDING  BIOLOGY. ENGINEERING. ECONOMICS. AGRICULTURE. FORESTRY. ETC. STATISTICAL CONSULTING IS
             ALSO A PART  OF THE PROGRAM. ENABLING THE STUDENT TO GAIN A DEEPER APPRECIATION OF THE NEED. POWER.
             AND APPLICABILITY OF STATISTICAL TOOLS THROUGH EXPOSURE TO REAL PROBLEMS.

1702     TOTAL

                             56   19    53   23    76   31    65   17    45    9     150          8      255
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HEGIS CATEGORY: 1700 MATHEMATICS

                                ***** EARNED DEGREES CONFERRED *****                                                   MANDATORY     CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON    LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME   PART-TIME   TOTAL  ENROLLMENT    REACHED

         COUNT

                              5



1703        APPLIED MATHEMATICS
         UNIVERSITY OF ARIZONA, ARIZONA
                              0    0     0    0     0    0     0    0     1    0      3           1         4      NO          N/A
           BRIEF PROGRAM DESCRIPTION
             PROGRAMS ARE FLEXIBLE AND INDIVIDUALLY DESIGNED. THEIR BASIC STRUCTURE INVOLVES A SELECTION OF SOME
             FOUNDATION COURSES IN MATHEMATICS, A NUMBER OF OTHER COURSES INSIDE AND OUTSIDE THE DEPARTMENT OF
             MATHEMATICS, AND PARTICIPATION IN A PROBLEM SEMINAR.

            APPLIED MATHEMATICS
         CAL INST OF TECHNOLOGY, CALIFORNIA
                              0    4     3    3     2    2     0    3     2    7     19           0        19      NO          N/A
           BRIEF PROGRAM DESCRIPTION
             ORGANIZED JOINTLY BY THE DIVISION OF PHYSICS, MATHEMATICS AND ASTRONOMY AND THE DIVISION OF
             ENGINEERING AND APPLIED SCIENCE. PROGRAM IS AIMED AT THOSE  STUDENTS WITH A BACKGROUND IN
             MATHEMATICS, PHYSICS, OR ENGINEERING WHO WISH TO OBTAIN A THOROUGH TRAINING AND TO DEVELOP THEIR
             RESEARCH ABILITY IN APPLIED MATHEMATICS. STUDENTS WILL BE ADMITTED TO ONE OF THE TWO DIVISIONS
             ACCORDING TO BACKGROUND AND  INTERESTS.

            APPLIED MATHEMATICS
         U OF CAL BERKELEY, CALIFORNIA
                              0    0     0    1     0    7     1    3     0    0     12           0        12      YES         NO



            MATHEMATICS
         COLORADO SCHOOL OF MINES, COLORADO
                              8    1     5    0     0    0     1    0     2    0      6           5        11      YES         NO
           BRIEF PROGRAM DESCRIPTION
             APPLIED MATHEMATICS FOR MINERAL INDUSTRY APPLICATIONS. RESEARCH IN SOLVING PROBLEMS SUCH AS
             SEISMICDATA INTERPRETATION & DIRECTIONAL DRILLING: MSC &GRE APTITUDE.

            APPLIED MATHEMATICS
         UNIVERSITY OF WASHINGTON, WASHINGTON
                              0    0     0    0     0    0     0    1     0    0     12           4        16      NO          N/A
           BRIEF PROGRAM DESCRIPTION
             GRADUATE STUDENTS MAY CURRENTLY ACQUIRE A PH.D. DEGREE IN ANY OF THE FOLLOWING AREAS: SPECIAL
             INDIVIDUAL PH.D. MATHEMATICS, COMPUTER SCIENCE, BIOMATHEMATICS/BIOSTATISTICS, QUANTITATIVE
             METHODS-BUSINESS ADMINISTRATION & QUANTITATIVE SCIENCE-FORESTRY,FISHERIES & WILDLIFE. THESE PROGRAMS
             ARE EITHER ORGANIZED THROUGH DEPARTMENTS AS IN THE CASE OF MATHEMATICS & COMPUTER SCIENCE, OR
             SPONSORED BY VARIOUS INTERDISCIPLINARY GROUPS OF FACULTY.
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HEGIS CATEGORY: 1700 MATHEMATICS

HEGIS	NAME OF PROGRAM/	***** EARNED DEGREES CONFERRED *****													MANDATORY	CEILING
		1973-74		1974-75		1975-76		1976-77		1977-78		GRADUATE ENROLLMENT 1977-78			CEILING ON	LEVEL
CODE	INSTITUTION	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	FULL-TIME	PART-TIME	TOTAL	ENROLLMENT	REACHED
1703	APPLIED MATHEMATICS UNIVERSITY OF COLORADO, COLORADO	14	0	12	1	4	0	6	0	11	0			1	NO	N/A

BRIEF PROGRAM DESCRIPTION

CURRICULAR EMPHASES OR SUBSPECIALTIES: ALGEBRA, TOPOLOGY, REAL ANALYSIS & COMPLEX VARIABLES, LOGIC & FOUNDATIONS, DIFFERENTIAL GEOMETRY, PROBABILITY & STATISTICS, NUMERICAL ANALYSIS, DIFFERENTIAL EQUATIONS, NUMBER THEORY, MATHEMATICAL PHYSICS, GEOMETRY & TOPOLOGY, FUNCTIONAL ANALYSIS, PRIMARY CAREERS: TEACHING & RESEARCH & DEVELOPMENT.

HEGIS CODE		1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL
1703	TOTAL	22	5	20	5	6	9	8	7	16	7	52	10	63
	COUNT	6												
CATEGORY	TOTAL	513	186	407	206	388	190	388	156	311	100	995	101	1840
	COUNT	43												

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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                               ***** EARNED DEGREES CONFERRED *****                                               MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1902        PHYSICS GENERAL
       U OF ALASKA FAIRBANKS, ALASKA
                             1    0     0    2     0    0     0    0     0    0     0          1        1        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           STUDY CONNECTED WITH ACTIVITIES OF THE GEOPHYSICAL  INSTITUTE WHICH CONDUCTS INVESTIGATIONS OF
           AURORAL AND IONOSPHERIC PHYSICS. GEOMAGNETISM AND EARTHCURRENTS. RADIO WAVE PROPAGATION. AND
           SCATTERING,SOLAR-TERRESTRIAL RELATIONS, POLAR METEOROLOGY AND  GLACIOLOGY. AND SOLID EARTH PHYSICS,
           AND LABORATORY STUDIES OF ATOMIC AND MOLECULAR PROCESSES. CAREER PREP: RESEARCHERS IN PHYSICS AND
           GEOPHYSICS. COLLEGE OR UNIVERSITY TEACHERS.

            PHYSICS
       ARIZONA STATE UNIVERSITY. ARIZONA
                             8    5     1    5     2    3    10    2     6    5    16         10       26        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           STUDIES IN ATOMIC AND MOLECULAR PHYSICS, SOLID STATE AND MANY-BODY PHYSICS, NUCLEAR AND PARTICLE
           PHYSICS. ASTRONOMY AND ASTROPHYSICS. RESEARCH IN ASTRONOMY. HIGH ENERGY-PARTICLE PHYSICS.
           EXPERIMENTAL  SOLID-STATE PHYSICS. THEORETICAL PHYSICS. CAREER  PREPARATION FOR RESEARCH IN
           INDUSTRIAL. GOVERNMENT. OR ACADEMIC INSTITUTIONS AND FOR TEACHING AT THE UNIVERSITY OR COLLEGE
           LEVEL. PREREQS: UNDERGRADUATE MAJOR OR EQUIVALENT IN PHYSICS.UNDERGRADUATE COURSE WORK IN
           MATHEMATICS. ACCEPTABLE GRE SCORES.

            PHYSICS
       UNIVERSITY OF ARIZONA. ARIZONA
                             7    4     7    9     2    2     8    5     6    7    53         11       64        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           SOME INTERDISCIPLINARY PROGRAMS SUCH AS CHEMICAL PHYSICS. OPTICS. AND ASTROPHYSICS ARE ALSO
           AVAILABLE. AN ADVISOR IS ASSIGNED TO EACH GRADUATE STUDENTTO HELP PLAN A PROGRAM FOR THE ADVANCED
           DEGREE. EXPERIENCE IN TEACHING IS AN ESSENTIAL PART OF GRADUATE TRAINING IN PHYSICS. GRADUATE
           STUDENTS ARE REQUIRED TO TEACH TO AN AMOUNT DECIDED ON AN INDIVIDUAL BASIS BY THE GRADUATE ADVISOR
           AND THE DEPARTMENT AS A WHOLE.

            PHYSICS GENERAL
       CAL INST OF TECHNOLOGY. CALIFORNIA
                            10   15    11   10     6    9     7   13    10   13   119          0      119        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           THIS PROGRAM SEEKS TO PREPARE STUDENTS FOR CAREERS  IN SCIENTIFIC RESEARCH. OR RESEARCH COMBINED
           WITH  TEACHING. AND INDEPENDENT RESEARCH IS AN ESSENTIAL PART OF THE GRADUATE PROGRAM.

            PHYSICS GENERAL
       STANFORD UNIVERSITY. CALIFORNIA
                             5   22    10   24    18   23    10    9     6   18                         110        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           ASTROPHYSICS. THEORETICAL PHYSICS. LOW TEMPERATURE  PHYSICS. MOLECULAR PHYSICS. NUCLEAR PHYSICS.
           INTERMEDIATE ENERGY PHYSICS. HIGH ENERGY PHYSICS. COHERENT OPTICAL RADIATION. AND SOLID STATE
           PHYSICS.
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                                ***** EARNED DEGREES CONFERRED *****                                           MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/      1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME   TOTAL  ENROLLMENT   REACHED

1902        PHYSICS GENERAL
      U OF CAL BERKELEY, CALIFORNIA
                             15   35    25   30    31   32    21   32     0    0     266          0       266      YES         NO


            PHYSICS GENERAL
      U OF CAL DAVIS, CALIFORNIA
                              7    2     4    5     4    3     7    4     3    4      49          1        50      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           EXPERIMENTAL AND THEORETICAL PHYSICS. THEORETICAL  RESEARCH IS CONDUCTED IN AREAS OF NUCLEAR
           STRUCTURE, QUANTUM ELECTRODYNAMICS, ELEMENTARY PARTICLES,STATISTICAL MECHANICS AND BIOPHYSICS.
           ACTIVE EXPERIMENTAL PROGRAMS ARE CONDUCTED IN ELEMENTARY PARTICLE PHYSICS, ATOMIC PHYSICS,
           ASTROPHYSICS, MEDICALAND ENVIRONMENTAL PHYSICS. CAREERS IN TEACHING ANDRESEARCH, PRIVATE INDUSTRY,
           STATE AND FEDERAL GOVERNMENT AGENCIES. PREREQ.: THREE LETTERS OF RECOMMENDATION, GRE SCORES.

            PHYSICS GENERAL
      U OF CAL IRVINE, CALIFORNIA
                             11    3     7    4    20   12     8    5     9    7      62          3        65      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PARTICLE PHYSICS, PLASMA PHYSICS, AND SOLID STATE  PHYSICS. ADMISSION REQUIREMENTS: AT LEAST ONE
           YEAR OF ADVANCED MATHEMATICS, CLASSICAL AND MODERN PHYSICS INCLUDING QUANTUM MECHANICS AND ATOMIC
           PHYSICS, LABORATORY WORK: GRE APTITUDE TEST.

            PHYSICS GENERAL
      U OF CAL LOS ANGELES, CALIFORNIA
                             28   11    32    9    31    6    33   19    37   16                                168      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           SPECIAL EMPHASIS IS GIVEN TO THE PREPARATION OF STUDENTS IN THE FOLLOWING FIELDS: NUCLEAR PHYSICS,
           ELEMENTARY PARTICLES, PLASMA, PHYSICS, PHYSICAL ACOUSTICS, LOW TEMPERATURE PHYSICS, SOLID STATE
           PHYSICS, SPECTROSCOPY AND MATHEMATICAL PHYSICS.

            PHYSICS
      U OF CAL RIVERSIDE, CALIFORNIA
                              7   10    11    5     5    5     4    5     4    2      53                      53      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           RESEARCH AREAS ARE: ATOMIC SCATTERING, BIOPHYSICS,  ELEMENTARY PARTICLE PHYSICS, LASER PHYSICS,
           MANY-BODY PHYSICS, PLASMA PHYSICS, SOLID STATE PHYSICS  AND SPACE PHYSICS. EMPHASIS IS ON CLOSE
           STUDENT FACULTY RELATIONS. RESEARCH ASSISTANTSHIPS ARE AVAILABLE FOR STUDENTS PURSUING PH.D.
           RESEARCH.

            PHYSICS GENERAL
      U OF CAL SAN DIEGO, CALIFORNIA
                             19    9     7   19    17   13    12   12     9   18     107                     107      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE DEPARTMENT OF PHYSICS INCLUDES THE AREAS OF ELEMENTARY PARTICLES, THEORY OF NUCLEAR FORCES AND
           STRUCTURE, QUANTUM LIQUIDS AND SUPERCONDUCTIVITY, SOLID STATE PHYSICS, PLASMA PHYSICS AND
           MAGNETOHYDRONAMICS, ASTROPHYSICS, AND SPACE PHYSICS, ATOMIC AND ELECTRO SCATTERING AND STRUCTURES,
           BIOPHYSICS.AND GEOPHYSICS. APPLICANTS MUST HAVE A SOUND KNOWLEDGE OF UNDERGRADUATE MECHANICS,
           ELECTRICITY AND MAGNETISM, ATOMIC, AND QUANTUM AND NUCLEAR PHYSICS  AND THERMAL DYNAMICS.
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                                ***** EARNED DEGREES CONFERRED *****                                                     MANDATORY    CEILING
HEGIS   NAME OF PROGRAM/      1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE      INSTITUTION        MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1902          PHYSICS GENERAL
        U OF CAL SANTA BARBARA, CALIFORNIA
                               7    6     1    2     9   10     2    5     0    0      45          3        48        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            DEPARTMENT OFFERS PH.D. AND M.A. DEGREES IN PHYSICS AND AN M.S. IN SCIENTIFIC INSTRUMENTATION.
            TEACHING PROFICIENCY MUST BE DEMONSTRATED FOR THE PH.D.  RESEARCH MAY BE THEORETICAL OR
            EXPERIMENTAL.

          PHYSICS GENERAL
        U OF CAL SANTA CRUZ, CALIFORNIA
                               3    1     2    2     4    2     2    3     0    3      18                   18        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE PROGRAM IS DESIGNED TO PREPARE STUDENTS FOR CAREERS IN RESEARCH AND TEACHING. STUDENTS ARE
            EXPECTED TO DEVELOP MASTERY OF THE CONCEPTS AND METHODS  OF GENERAL PHYSICS AND PROFICIENCY IN A
            SPECIAL FIELD OF INVESTIGATION. THE PROGRAM CENTERS ON TOPICS IN CLASSICAL PHYSICS, QUANTUM PHYSICS
            AND CONTEMPORARY PHYSICS. A NEW CAMPUS RESEARCH ACTIVITY IN  HIGH ENERGY PHYSICS PROVIDES ADDITIONAL
            OPPORTUNITIES FOR GRADUATE STUDENTS.

          PHYSICS GENERAL
        U OF SOUTHERN CALIFORNIA, CALIFORNIA
                              10   13     9    1    13   12     7    4     8    4                             65        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            SOLID-STATE, LOW TEMPERATURE, AND LASER PHYSICS APPLICATIONS: SPACE PHYSICS: EXPERIMENTAL NUCLEAR
            PHYSICS: ATOMIC AND MOLECULAR SPECTROSCOPY. PREREQUISITES: GRE APTITUDE AND ADVANCED PHYSICS: A.B.
            OR  B.S. (OR A.M. OR M.S.) IN PHYSICS.STRY.

          PHYSICS GENERAL
        COLORADO STATE UNIVERSITY, COLORADO
                               7    1     3    3     3    2     9    1     5    4                             40        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            GRADUATE RESEARCH AREAS & COURSE CONCENTRATIONS INCLUDE: COMPUTATIONAL PHYSICS, HIGH ENERGY &
            ASTROPHYSICS, LASER PHYSICS, MAGNETIC MATERIALS, PLASMA,SEMICONDUCTOR, SOLID STATE PHYSICS, ULTRALOW
            TEMPERATURE & ULTRASONICS.

          PHYSICS
        UNIVERSITY OF DENVER, COLORADO
                               1    3     1    0     3    2     2    3     2    2                             21        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            FORMAL COURSE WORK STRUCTURED FROM A NUCLEUS OF ADVANCED DYNAMICS, ADVANCED ELECTRICITY & MAGNETISM,
            STATISTICAL MECHANICS & QUANTUM MECHANICS IS FOLLOWED BY INDEPENDENT RESEARCH. THE PROGRAM COMBINES
            THE INSTRUCTIONAL & RESEARCH RESOURCES OF THE DEPARTMENT & THE FACILITIES OF THE UNIVERSITY OF
            DENVER RESEARCH INSTITUTE TO PROVIDE OPPORTUNITY FOR ADVANCED PREPARATION FOR TEACHING AND/OR
            RESEARCH IN PHYSICS. PREREQS INCLUDE: M.A. IN PHYSICS OR ASTRONOMY OR THE APTITUDE TEST SCORES OF
            THE GRE.
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                                ***** EARNED DEGREES CONFERRED *****                                                      MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74   1974-75   1975-76   1976-77   1977-78   GRADUATE ENROLLMENT 1977-78   CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

1902        PHYSICS
       U OF HAWAII AT MANOA, HAWAII
                             4    5    4    2    1    1    5    2    2    2     10          11        21        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           SOLID STATE, ELEMENTARY PARTICLES, OPTICS, THEORETICAL PHYSICS, AND INTERDISCIPLINARY AREAS SUCH AS
           ATMOSPHERIC PHYSICS. GRADUATE STUDENTS ARE PREPARED FOR CAREERS IN UNIVERSITY TEACHING AND IN
           RESEARCH. PREREQS: 35 SEMESTER HOURS OF UNDERGRADUATE CREDITS IN PHYSICS, INCLUDING ATOMIC AND
           NUCLEAR PHYSICS, ELECTROMAGNETISM, OPTICS AND THERMODYNAMICS; COURSES IN GENERAL CHEMISTRY AND
           DIFFERENTIAL EQUATIONS; GRE (APTITUDE AND ADVANCED TEST IN PHYSICS); M.S. IN PHYSICS.

            PHYSICS GENERAL
       UNIVERSITY OF IDAHO, IDAHO
                             1    3    1    2    0    3    5    1    2    1      8           1         9        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           RESEARCH IN THE DEPARTMENT OF PHYSICS EMPHASIZES THE AREAS OF SOLID STATE PHYSICS, NUCLEAR PHYSICS,
           QUANTUM OPTICS, SPECTROSCOPY, ASTROPHYSICS, BIOPHYSICS AND TRACE ELEMENT ANALYSIS. IN ADDITION,
           THERE IS A STRONG INTEREST IN RESEARCH ON PHYSICS TEACHING.

            PHYSICS GENERAL
       MONTANA STATE UNIVERSITY, MONTANA
                             2    2    4    2    3    0    3    3    3    4                           27        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           INCLUDES: ATOMIC AND MOLECULAR PHYSICS, SOLID STATE PHYSICS & SURFACE PHYSICS, LASERS, HOLOGRAPHY,
           GENERAL RELATIVITY & ASTRO-PHYSICS, ALTERNATE ENERGY, & STATISTICAL MECHANICS. MAJOR EXPERIMENTAL
           RESEARCH APPARATUS INCLUDES A 2-MEV VAN DE GRAAFF ACCELERATOR, N2 GAS LASER AND TWO 100 KW TUNEABLE
           ORGANIC DYE LASERS, A 60-KG SUPERCONDUCTING SOLENOID  MAGNET, NINE-INCH AND 15-INCH VARIAN
           ELECTRO-MAGNETS.

            PHYSICS GENERAL
       U OF NEVADA RENO, NEVADA
                             3    2    0    0    1    0    0    0    0    0                                     NO          N/A


            ATMOSPHERIC SCIENCE
       NM INST OF MINING & TECHN, NEW MEXICO
                             1    2    3    1    0    0    3    0    0    2     16           1        17        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PROGRAM EMPHASIZES ATMOSPHERIC SCIENCE IN A PHYSICS DEPARTMENT FRAMEWORK. GRADUATES ARE PREPARED FOR
           COLLEGE TEACHING OR RESEARCH AND DEVELOPMENT CAREERS IN INDUSTRY OR GOVERNMENT.

            PHYSICS GENERAL
       NM STATE U MAIN CAMPUS, NEW MEXICO
                             2    1    7    2    4    6    2    3    4    2                           36        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           CLASSICAL MECHANICS, QUANTUM MECHANICS, ELECTROMAGNETIC THEORY, STATISTICAL MECHANICS.
           SPECIAL/RESEARCH/LAB/FIELD REQUIREMENTS-DOCTORAL DISSERTATION,  OR EQUIVALENT (BACHELORS DEGREE AND
           WORK THROUGH  MASTERS PROGRAM), GRAD. GPA-3.3, UGRAD. GPA-3.0,  QUALIFYING EXAM, CAREERS-PHYSICISTS,
           HIGHER EDUCATION FACULTY.
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                             ***** EARNED DEGREES CONFERRED *****                                              MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78 CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1902        PHYSICS GENERAL
       OREGON STATE UNIVERSITY, OREGON
                             3    4     2    4     4    3     5    2     2    1     15          4        19       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           GRADUATE DEGREE PROGRAMS AND SUPERVISION OF RESEARCH AND THESES ARE AVAILABLE IN BOTH EXPERIMENTAL
           AND THEORETICAL PHYSICS WITH SPECIALTIES IN ATOMIC  PHYSICS, NUCLEAR PHYSICS, AND SOLID STATE
           PHYSICS. DESCRIPTIVE BULLETIN AVAILABLE ON REQUEST FROM THE PHYSICS DEPARTMENT.

            PHYSICS GENERAL
       U OF OREGON MAIN CAMPUS, OREGON
                            15    4     8   11     7   13    12    5     9    4     61          8        69       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           EXPERIMENTAL SOLID STATE PHYSICS. SUPERFLUID MECHANICS. CONDENSED MATTER THEORY. ATOMIC PHYSICS,
           ELEMENTARY PARTICLE THEORY, NUCLEAR PHYSICS, ASTRONOMY & ASTROPHYSICS, THEORETICAL ASTROPHYSICS &
           COSMOLOGY, BIOPHYSICS, CHEMICAL PHYSICS, GEOPHYSICS. GRADUATES ARE PREPARED FOR RESEARCH OR TEACHING
           CAREERS AT UNIVERSITY, GOVERNMENT OR INDUSTRIAL FACILITIES. PREREQ.: 3.0 GPA IN ADVANCED PHYSICS &
           MATHEMATICS COURSES; TOEFL EXAM SCORE OF 525 & ACCEPTABLE GRE SCORES REQUIRED FOR FOREIGN
           APPLICANTS.

            PHYSICS AND ASTRONOMY
       BRIGHAM YOUNG U MAIN CAM, UTAH
                            12    3    10    3     5    3     2    0     2    2                                20       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           TWO DEGREES ARE OFFERED: (1) PHYSICS, (2) PHYSICS  AND ASTRONOMY. FIELDS, ACOUSTICS, ASTROPHYSICS,
           ATOMIC PHYSICS AND SPECTROSCOPY, NUCLEAR PHYSICS, PLANETARY AND SPACE PHYSICS, PLASMA PHYSICS,
           SOLID-STATE PHYSICS, THEORETICAL PHYSICS.

            PHYSICS GENERAL
       UNIVERSITY OF UTAH, UTAH
                             3    4     0    5     6    5     2    5     5    5                                34       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THEORETICAL AND EXPERIMENTAL STUDY OF SOLID STATE.  ATOMIC, AND CHEMICAL PHYSICS; COSMIC RAYS;
           HIGH-ENERGY PHYSICS; GENERAL RELATIVITY AND COSMOLOGY, MEDICAL PHYSICS, SCIENTIFIC INSTRUMENTATION.

            PHYSICS GENERAL
       UTAH STATE UNIVERSITY, UTAH
                             1    6     2    3     4    2     0    3     4    2                                15       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           SUBFIELDS INCLUDE ATMOSPHERIC AND SPACE PHYSICS. NUCLEAR PHYSICS. SURFACE PHYSICS, FUNDAMENTAL
           INTERACTIONS, AND FIELD THEORY. RESEARCH FACILITIES INCLUDE A SURFACE PHYSICS LABORATORY, A SMALL
           NUCLEAR  PHYSICS LABORATORY. A HIGH RESOLUTION ELECTRON ENERGY SPECTROMETER (ESCA), SPACE SCIENCE
           LABORATORY. FUNDAMENTAL INTERACTIONS LABORATORY, A BURROUGHS  6700 AND A PDP 11/70 COMPUTER. CAREER
           PREPARATION  FOR RESEARCH AT GOVERNMENT LABORATORIES OR INDUSTRY, AND TEACHING.
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                               ***** EARNED DEGREES CONFERRED *****                                    MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE      INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1902        PHYSICS GENERAL
       UNIVERSITY OF WASHINGTON, WASHINGTON
                             14   15    16   15     8   12    19    7    14    6     98          24       122      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           AREAS IN WHICH PROGRAMS OF EXPERIMENTAL RESEARCH ARE BEING CONDUCTED BY THE DEPARTMENT INCLUDE
           NUCLEAR PHYSICS, COSMIC RAY & HIGH-ENERGY PHYSICS, LOW-TEMPERATURE PHYSICS, SOLID-STATE PHYSICS,
           RADIO FREQUENCY & OPTICAL SPECTROSCOPY & ATOMIC COLLISION  PROCESSES. ALSO INCLUDED IS THE COMPUTER
           ORIENTED, VISUAL TECHNIQUES LABORATORY, SPECIALIZING IN BUBBLE CHAMBER PHOTOGRAPHS OF HIGH ENERGY
           EVENTS & OTHER PATTERN RECOGNITION PROBLEMS.

            PHYSICS GENERAL
       WASHINGTON ST UNIVERSITY, WASHINGTON
                              5    6     4    2     4    4     6    3     4    4     33           1        34      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE DEPARTMENT HAS ACTIVE RESEARCH PROGRAMS IN THEORETICAL PHYSICS, SHOCK WAVE & CONTINUUM
           PHYSICS,SURFACE & HIGH VOLUUM PHYSICS, SOLID STATE PHYSICS, ENVIRONMENTAL PHYSICS, NUCLEAR PHYSICS &
           CERTAIN  ASPECTS OF GEOPHYSICS.

            PHYSICS GENERAL
       UNIVERSITY OF WYOMING, WYOMING
                              7   10     3    7     3    6     1    5     1    3                               31      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           HIGH-ALTITUDE ATMOSPHERIC PHYSICS, INFRARED ASTROPHYSICS, LOW- AND MEDIUM-ENERGY PARTICLE PHYSICS,
           VERY LOW-TEMPERATURE PHYSICS, MICROWAVE SPECTROSCOPY SOLAR COSMIC RAYS, HIGH POWER LASER PHYSICS,
           AND  SOLID STATE PHYSICS, INCLUDING STRUCTURE OF LIQUIDS AND SLIDS USING MAGNETIC RESONANCE
           TECHNIQUES,ASTROPHYSICS.  PREREQS: GRE.  REQUIRED TO TAKE 6 HOURS OF MATH AT GRADUATE LEVEL, AT
           LEAST 3 OF WHICH MUST BE AT UW.

            PHYSICS: APPLIED PHYSICS: MATHEMATICAL PHYSICS
       UNIVERSITY OF COLORADO, COLORADO
                             12   12     9   13    13   19    11   12    14   11                               97      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           CURRICULAR EMPHASES OR SUBSPECIALTIES: PHYSICS: ATOMIC, CONDENSED MATTER, HIGH-ENERGY, NUCLEAR,
           PLASMA & THEORETICAL PHYSICS, APPLIED PHYSICS: CONDENSED MATTER, SOLID STATE, ATOMIC & LASER
           PHYSICS, SOLID STATE ELECTRONICS, OPTICAL PHYSICS & ENGINEERING: & MATERIALS SCIENCE. MATHEMATICAL
           PHYSICS: MODERN MATHEMATICAL & PHYSICAL CONCEPTS & METHODS APPLIED TO PROBLEMS LYING INTERMEDIATELY
           BETWEEN THE  DISCIPLINES OF MATHEMATICS & PHYSICS. PRIMARY CAREERS: TEACHING & RESEARCH.

            APPLIED PHYSICS AND ELECTRONIC SCIENCE
       OREGON GRADUATE CENTER, OREGON
                              0    1     0    1     1    1     5    2     2    2      9           3        12      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           LASERS AND ELECTRO-OPTICS, SURFACE PHYSICS AND FIELD EMISSION, LASER PROPAGATION THROUGH THE
           TURBULENT ATMOSPHERE, ADVANCED ELECTRONIC DEVICES AND SYSTEMS, AND SEMICONDUCTOR MATERIALS RESEARCH.
           STUDENTS ARE INVOLVED IN EITHER FUNDAMENTAL INVESTIGATIONS OR ADVANCED ENGINEERING APPLICATIONS
           HAVING REAL UTILITY.
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                          *****  EARNED DEGREES CONFERRED  *****                                          MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74   1974-75   1975-76   1976-77   1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT  REACHED

1902       PHYSICS
       U OF NM MAIN CAMPUS, NEW MEXICO
                            11    4    2    7    3    1    3    3    6    8                         44       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           EXPERIMENTAL INTERMEDIATE-ENERGY PHYSICS. THEORETICAL NUCLEAR PHYSICS. PARTICLE PHYSICS.
           BIOPHYSICSAND MEDICAL PHYSICS. PHYSICAL OPTICS. CHEMICAL PHYSICS. CRYSTALLOGRAPHY, SPACE PHYSICS,
           ASTROPHYSICS. GENERAL RELATIVITY. COSMIC RADIATION. AND ATMOSPHERIC PHYSICS. CAREER PREPARATION IN
           BOTH PURE AND  APPLIED PHYSICS AND ASTROPHYSICS. ALSO USEFUL INCHEMISTRY AND MANY ENGINEERING
           FIELDS.

1902   TOTAL

                           242  224  206  210  235  215  226  178  179  162   1038         82      1828


       COUNT

                            33



1905       CHEMISTRY
       ARIZONA STATE UNIVERSITY, ARIZONA
                             1   11    4   11    4    9    0   10    6   10     40         18        58       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           STUDIES IN THE FIELDS OF ANALYTICAL. BIOLOGICAL. INORGANIC. ORGANIC. PHYSICAL, AND SOLID STATE
           CHEMISTRY AND GEOCHEMISTRY. INTERDISCIPLINARY RESEARCH  IN BIOCHEMISTRY, GEOCHEMISTRY, SOLID STATE
           SCIENCE. OTHER AREAS. PREPARATION FOR TEACHING AND RESEARCH IN EDUCATIONAL INSTITUTIONS AND FOR
           RESEARCH POSITIONS IN GOVERNMENT AND INDUSTRY. PREREQS: UNDERGRADUATE MAJOR OR EQUIVALENT IN
           CHEMISTRY. ACCEPTABLE GRE SCORES.

           CHEMISTRY
       UNIVERSITY OF ARIZONA, ARIZONA
                             4   13    6    6    6    7    5   11    7    9     98         23       121       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           CONCENTRATIONS AVAILABLE IN ANALYTIC. INORGANIC. ORGANIC AND POLYMER, AND PHYSICAL CHEMISTRY:
           BIOCHEMISTRY: AND SEVERAL INTERDISCIPLINARY FIELDS.

           CHEMISTRY GENERAL
       CAL INST OF TECHNOLOGY, CALIFORNIA
                             3   29    6   17    7   24    7   17    5   25    167          0       167       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           THE GRADUATE PROGRAM IN CHEMISTRY EMPHASIZES RESEARCH. THIS EMPHASIS REFLECTS THE INSTITUTE'S
           TRADITIONAL LEADERSHIP IN CHEMICAL RESEARCH AND THE CONVICTION THAT HAS PERMEATED THE DIVISION OF
           CHEMISTRY AND CHEMICAL ENGINEERING FROM ITS FOUNDING, THAT  PARTICIPATION IN ORIGINAL RESEARCH IS
           THE BEST WAY TO AWAKEN, DEVELOP, AND GIVE DIRECTION TO CREATIVITY.
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

***** EARNED DEGREES CONFERRED *****

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74		1974-75		1975-76		1976-77		1977-78		GRADUATE ENROLLMENT 1977-78			MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED	BRIEF PROGRAM DESCRIPTION
		MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	FULL-TIME	PART-TIME	TOTAL			
1905	CHEMISTRY GENERAL SAN DIEGO STATE U. CALIFORNIA	12	4	13	2	11	4	10	2	15	0	24	49	73	NO	N/A	THE PROGRAM IS OFFERED JOINTLY BY THE UNIVERSITY OF CALIFORNIA, SAN DIEGO AND SAN DIEGO STATE UNIVERSITY AND REQUIRES CONCURRENT ADMISSION AND ATTENDANCE AT BOTH CAMPUSES. THE COOPERATING FACULTIES POSSESS COMPLEMENTARY SPECIALITIES THAT ENABLE THE STUDENT TO GAIN FAMILIARITY WITH MOST AREAS OF CHEMISTRY AND TO FIND RESEARCH ACTIVITY AND DIRECTION IN A GREAT VARIETY OF SPECIFIC PROBLEMS.
	CHEMISTRY GENERAL STANFORD UNIVERSITY, CALIFORNIA	5	27	2	22	2	19	6	17	3	23			135	NO	N/A	ORGANIC CHEMISTRY, INORGANIC CHEMISTRY, PHYSICAL CHEMISTRY, AND BIOPHYSICAL CHEMISTRY.
	CHEMISTRY GENERAL U OF CAL BERKELEY, CALIFORNIA	9	50	16	56	26	50	18	47	0	0	306	0	306	YES	NO	
	CHEMISTRY GENERAL U OF CAL DAVIS, CALIFORNIA	7	17	8	13	3	8	4	6	2	11	97	0	97	NO	N/A	INORGANIC, ORGANIC, AND PHYSICAL CHEMISTRY(THERMODYNAMICS, QUANTUM, KINETICS). INTERDISCIPLINARY PROGRAMS WITH BIOLOGICAL SCIENCES AND PHYSICS ARE ALSO AVAILABLE. GRADS ARE PREPARED FOR CAREERS IN TEACHING AND RESEARCH AT THE STATE COLLEGE AND UNIVERSITY LEVEL, PRIVATE INDUSTRY, STATE AND FEDERAL GOVERNMENT AGENCIES. PREREQ.: PLACEMENT EXAMINATIONS, 3.1 GPA, READING KNOWLEDGE OF GERMAN OR RUSSIAN. THREE LETTERS OF RECOMMENDATION, GRE SCORES RECOMMENDED.
	CHEMISTRY GENERAL U OF CAL IRVINE, CALIFORNIA	7	8	6	7	4	6	13	6	5	3	69	1	70	NO	N/A	STRUCTURAL CHEMISTRY, CHEMICAL DYNAMICS AND REACTION MECHANISMS, SYNTHESIS, THEORETICAL CHEMISTRY, BIOLOGICAL AND BIOPHYSICAL CHEMISTRY, ANALYTICAL CHEMISTRY, NUCLEAR CHEMISTRY, ADMISSION REQUIREMENTS: UNDERGRADUATE PREPARATION IN ORGANIC, PHYSICAL,AND INORGANIC CHEMISTRY: GRE APTITUDE TEST.
	CHEMISTRY GENERAL U OF CAL LOS ANGELES, CALIFORNIA	4	19	6	21	4	23	5	17	13	21			162	NO	N/A	THE DEPARTMENT OF CHEMISTRY OFFERS GRADUATE STUDY IN THE GENERAL AREAS OF BIOLOGICAL, INORGANIC, NUCLEAR, ORGANIC, AND PHYSICAL CHEMISTRY LEADING TO THE M.S. AND PH.D. DEGREES IN CHEMISTRY AND IN BIOCHEMISTRY. THE AIM OF THE GRADUATE PROGRAM IS TO DEVELOP THE SCHOLARLY AND RESEARCH POTENTIAL OF THE STUDENT AS RAPIDLY AS IS CONSISTENT WITH HIS/HER BACKGROUND AND ABILITIES.

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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                              *****  EARNED DEGREES CONFERRED  *****                                    MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE      INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

1905        CHEMISTRY
       U OF CAL RIVERSIDE, CALIFORNIA
                             10    7     9    8     8    7    11    4     5    2     44                    44        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           RESEARCH IN BIOPHYSICAL CHEMISTRY, CHEMICAL PHYSICS, AND ORGANOMETALLIC CHEMISTRY. THE FIELDS OF
           SPECIALIZATION OFFERED FOR THE DOCTOR'S DEGREE ARE ANALYTICAL, INORGANIC, ORGANIC, AND PHYSICAL
           CHEMISTRY.

            CHEMISTRY GENERAL
       U OF CAL SAN DIEGO, CALIFORNIA
                             11   15    15   18    16   18    22   15    39   15    170          3        173        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           CHEMISTRY INCLUDES ALL FIELDS OF MODERN CHEMISTRY,  INCLUDING BIOCHEMISTRY, CHEMICAL PHYSICS,
           COSMOCHEMISTRY, INORGANIC AND ORGANIC CHEMISTRY. THE GRADUATE RECORD EXAMINATION IS REQUIRED AS WELL
           AS A SOUND BACKGROUND IN SCIENCE AND MATHEMATICS.

            CHEMISTRY GENERAL
       U OF CAL SANTA BARBARA, CALIFORNIA
                             15   19     6   13    14   11    14   15     0    0     85           1         86        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           NO FORMAL UNIT REQUIREMENT; COURSES TO BE TAKEN IN  THE FIELD OF SPECIALIZATION AND AT LEAST ONE
           COURSE IN EACH OF TWO AREAS OUTSIDE THE FIELD; OTHER NORMAL GRADUATE SCHOOL REQUIREMENTS.

            CHEMISTRY GENERAL
       U OF CAL SANTA CRUZ, CALIFORNIA
                              4    7     1    6     3    3     2    6     5    9     57                    57        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           THE PROGRAM'S PRIMARY GOAL IS TO PURSUE RESEARCH IN A WARM, HUMAN MANNER, AIDING THE STUDENT TO
           BECOME AN INDEPENDENT SCHOLAR. COURSE WORK AT AN ADVANCED LEVEL IS EMPHASIZED IN THE FIRST YEAR,
           WITH RESEARCH, REINFORCED BY MANY COLLOQUIA AND SEMINARS,  EMPHASIZED IN SUBSEQUENT YEARS.

            CHEMISTRY GENERAL
       U OF SOUTHERN CALIFORNIA, CALIFORNIA
                              8   10     5    9     2    6     2   12     5    9                               109        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           CHEMICAL PHYSICS; ORGANIC, INORGANIC & PHYSICAL CHEMISTRY. PREREQUISITES: GRE APTITUDE;
           UNDERGRADUATE LEVEL ENTRANCE EXAMS IN PHYSICAL CHEMISTRY & ANY  2 OF 5 FIELDS (ORGANIC, INORGANIC,
           ANALYTICAL CHEMISTRY; PHYSICS; MATHEMATICS); AB IN CHEMISTRY.

            CHEMISTRY GENERAL
       UNIVERSITY OF THE PACIFIC, CALIFORNIA
                              4    1     3    4     0    0     3    1     3    1      6           5         11        NO         N/A
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                                ***** EARNED DEGREES CONFERRED *****                                             MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1905        CHEMISTRY GENERAL
      U OF NORTHERN COLORADO, COLORADO
                              3    0     5    0     1    1     0    0     0    1                          7       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE D.A. PROGRAM PREPARES VERSATILE AND WELL-INFORMED TEACHERS OF CHEMISTRY. EMPHASIS IS PLACED ON
           THE TRAINING OF EFFECTIVE TEACHERS. A STUDENT SUCCESSFULLY COMPLETING THIS PROGRAM WILL BE WELL
           QUALIFIED TO TEACH CHEMISTRY AT THE JUNIOR OR SENIOR COLLEGE LEVEL.

            CHEMISTRY GENERAL
      COLORADO STATE UNIVERSITY, COLORADO
                              6    8     4    9     0    4    11    8     0    7                         95       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           MASTER OF SCIENCE & DOCTOR OF PHILOSOPHY DEGREE PROGRAMS ARE OFFERED IN ANALYTICAL, INORGANIC,
           ORGANIC & PHYSICAL CHEMISTRY. THE MASTER OF ARTS FOR TEACHERS DEGREE IS OFFERED FOR THOSE WHO HAVE
           FULFILLED TEACHER CERTIFICATION REQUIREMENTS.

            CHEMISTRY
      UNIVERSITY OF DENVER, COLORADO
                              2    0     2    1     1    0     2    0     5    1                         32       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           AN ORIGINAL RESEARCH PROJECT COMPOSES THE MAJOR PART OF THE PROGRAM, HOWEVER, COURSES OF INTEREST
           MAY BE TAKEN. GRADS ARE PREPARED FOR CAREERS IN MEDICINE, LIFE SCIENCES, EARTH SCIENCES, TEACHING IN
           CHEMISTRY OR SCIENCE, OCEANOGRAPHY OR EMPLOYMENT IN  THE CHEMICAL, PETROLEUM, OR DRUG INDUSTRIES AS
           SCIENTISTS OR MANAGERS. PREREQS FOR ADMISSIONS: INCLUDE SCORES FROM THE APTITUDE & ADVANCED
           CHEMISTRYTESTS OF THE GRE.

            CHEMISTRY
      U OF HAWAII AT MANOA, HAWAII
                              5    5    10    3     3    5     8    9     2    9     15         47       62       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           MARINE AND NATURAL PRODUCTS, SURFACE CHEMISTRY, ENVIRONMENTAL ANALYSES, CHEMISTRY OF VISION,
           MOLECULAR SPECTROSCOPY, ANALYSIS OF VOLCANIC PRODUCTS. GRADUATES ARE PREPARED FOR CAREERS IN
           UNIVERSITY TEACHING AND RESEARCH. PREREQS: B.S. IN CHEMISTRY OR  EQUIVALENT.

            CHEMISTRY GENERAL
      UNIVERSITY OF IDAHO, IDAHO
                              4    5     7    5     1    7     5    3     5    4     23          6       29       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           CONCENTRATIONS FOR THE PH.D. DEGREE ARE PERMITTED  IN INORGANIC, ORGANIC, PHYSICAL CHEMISTRY, AND
           BIOCHEMISTRY.Y.

            CHEMISTRY GENERAL
      MONTANA STATE UNIVERSITY, MONTANA
                              3    7     5    6     6    4     1    2     2    1                         24       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           SPECIALIZED EQUIPMENT IS AVAILABLE FOR RESEARCH IN  INFRARED SPECTROSCOPY, MASS SPECTROSCOPY,
           CHROMATOGRAPHY, LIGHT SCATTERING OF COLLOIDAL SYSTEMS, CROP UTILIZATION, ENZYME STUDIES INCLUDE
           ULTRACENTRIFUGAL AND AMINO ACID ANALYSIS OF ENZYME SYSTEMS, INTERMEDIARY METABOLISM OF
           MICROORGANISMS & PLANTS.  PROTEIN CHARACTERIZATION AND SYNTHESIS, RADIOACTIVE TRACERS, NATURAL
           PRODUCTS, NMR SPECTROSCOPY, AND VOLTAMETRIC TECHNIQUES.
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                            ***** EARNED DEGREES CONFERRED *****                                          MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74   1974-75   1975-76   1976-77   1977-78  GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE    INSTITUTION      MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1905        CHEMISTRY GENERAL
        UNIVERSITY OF MONTANA, MONTANA
                            3    2    2    1    1    0    2    1    4    0      7          6      13       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            AREAS OF CONCENTRATION ARE BIOCHEMISTRY, INORGANIC, ORGANIC & PHYSICAL CHEMISTRY. SPECIAL
            FACILITIES: HIGHLY ADVANCED INSTRUMENTATION IS AVAILABLE INTHE AREAS OF PHYSICAL BIOCHEMISTRY,
            STEROID HORMONE ANALYSIS, SPECTROSCOPY, THERMAL ANALYSIS & WATER  CHEMISTRY. IN ADDITION THERE IS A
            WELL-EQUIPPED &  PROGRESSIVE WOOD CHEMISTRY LABORATORY. EMPLOYMENT  IN HIGHER EDUCATION, RESEARCH,
            GOVERNMENT & INDUSTRY. GRE IS REQUIRED.

            CHEMISTRY GENERAL
        U OF NEVADA RENO, NEVADA
                            0    0    0    0    0    1    0    0    0    0                                 NO          N/A



            CHEMISTRY GENERAL
        NM STATE U MAIN CAMPUS, NEW MEXICO
                            5    3    2    3    2    2    6    2    5    1                        39       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            PHYSICAL, ORGANIC, INORGANIC, BIOLOGICAL AND ANALYTICAL CHEMISTRY. SPECIAL/RESEARCH/LAB/FIELD
            REQUIREMENTS-DOCTORAL DISSERTATION, PARTICIPATION IN COLLOQUIA AND SEMINAR PROGRAMS. ADMISSIONS
            REQUIREMENTS-MASTERS DEGREE OR EQUIVALENT (BACHELORS DEGREE  AND WORK THROUGH MASTERS PROGRAM).
            GRAD. GPA-3.3,UGRAD. GPA-3.0, QUALIFYING EXAM, GRE APTITUDE. CAREERS-CHEMISTS, HIGHER EDUCATION
            FACULTY.

            CHEMISTRY GENERAL
        OREGON STATE UNIVERSITY, OREGON
                            6    9   10    7    7   13    4   10    4    9     79         10      89       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            WORK OFFERED IN THE FIELDS OF ANALYTICAL CHEMISTRY, INORGANIC CHEMISTRY, NUCLEAR AND RADIATION
            CHEMISTRY, ORGANIC CHEMISTRY, AND PHYSICAL CHEMISTRY. ALL DEGREES REQUIRE A RESEARCH THESIS. FOR THE
            M.A.  AND PH.D. DEGREE, READING KNOWLEDGE OF AN APPROVED FOREIGN LANGUAGE IS REQUIRED (USUALLY
            GERMAN). THERE IS NO FOREIGN LANGUAGE REQUIREMENT FOR THE M.S. DEGREE.

            CHEMISTRY GENERAL
        U OF OREGON MAIN CAMPUS, OREGON
                           10   11    3   14    3   12    4   19    2   10     60          4      64       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            STUDENTS ARE PROVIDED A PROGRAM OF FORMAL COURSE WORK AND EXPERIMENTAL APPRENTICESHIP TO BRING THEM
            TO THE STATUS OF INDEPENDENT INVESTIGATORS. SUB-AREAS INCLUDE BIOCHEMISTRY, ORGANIC CHEMISTRY,
            ORGANOMETALLIC CHEMISTRY, AND PHYSICAL CHEMISTRY. CAREER PREPARATION FOR ACADEMIC LIFE, OR
            INDUSTRIAL AND GOVERNMENT RESEARCH LABORATORIES. PREREQUISITES:B.A. OR B.S. DEGREE, SATISFACTORY
            LETTERS OF RECOMMENDATION AND GRE SCORES.
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                                ***** EARNED DEGREES CONFERRED *****                                                  MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1905        CHEMISTRY GENERAL
       BRIGHAM YOUNG U MAIN CAM, UTAH
                              5    3      3    7     7    2     5    8     3    5                            33        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PREREQUISITES. BACCALAUREATE DEGREE IN CHEMISTRY OR THE EQUIVALENT. PROFICIENCY IN FRENCH, GERMAN,
           OR RUSSIAN; IN MATHEMATICS BEYOND CALCULUS; OR IN COMPUTER SCIENCE. FIELDS. ANALYTICAL CHEMISTRY;
           BIOCHEMISTRY; INORGANIC CHEMISTRY; ORGANIC CHEMISTRY;PHYSICAL CHEMISTRY. MINORS PERMISSIBLE. ANY
           APPROVED MINOR. REQUIREMENTS. APPROVED COURSES PLUS A DISSERTATION (18 HR. MIN.--799R).

            CHEMISTRY GENERAL
       UNIVERSITY OF UTAH, UTAH
                              5   13      3   10     6    6     1   12    10   11                            37        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           INORGANIC, ORGANIC, PHYSICAL-ANALYTICAL, AND PHYSICAL CHEMISTRY. A PROGRAM IN CHEMICAL PHYSICS IS
           OFFERED IN COOPERATION WITH THE DEPARTMENT OF PHYSICS.

            CHEMISTRY GENERAL
       UTAH STATE UNIVERSITY, UTAH
                              2    3      2    3     0    2     0    3     3    3                            17        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           STUDY OF FUNDAMENTALS OF THEORY AT AN ADVANCED LEVEL IN ALL FIELDS OF CHEMISTRY. LABORATORY
           EXPERIMENTAL RESEARCH ON AN ORIGINAL PROBLEM INVOLVING THE  LATEST TECHNIQUES AND INSTRUMENTATION.
           CAREER PREPARATION IN RESEARCH FOR ACADEMIC, INDUSTRIAL OR GOVERNMENT LABORATORIES AT AN ADVANCED
           LEVEL. PREREQS: BS OR BA IN CHEMISTRY WITH ADEQUATE BACKGROUND  IN MATH, PHYSICS. ACCEPTABLE GPA AND
           GRE SCORES.

            CHEMISTRY GENERAL
       UNIVERSITY OF WASHINGTON, WASHINGTON
                              7   10     11   16    14   16     9   18     9   13    110         9        119        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           SUCCESSFUL CANDIDATES OF THE PH.D. PROGRAM WILL BE  QUALIFIED FOR POSITIONS OF LEADERSHIP &
           INDEPENDENT INVESTIGATION WITH RESEARCH INSTITUTES.INDUSTRIAL LABS & GOVERNMENT AGENCIES & FOR
           TEACHING,RESEARCH OR ADMINISTRATION WITH COLLEGES & UNIVERSITIES. QUALIFYING EXAMINATIONS DESIGNED
           TO ASSESS UNDERSTANDING OF MATERIAL NORMALLY CONTAINED IN UNDERGRAD PROGRAMS IN
           ANALYTICAL,INORGANIC,ORGANIC & PHYSICAL CHEMISTRY ARE GIVEN TO ENTERING GRAD STUDENTS  & THE RESULTS
           ARE USED TO PLAN GRAD COURSE PROGS.

            CHEMISTRY GENERAL
       WASHINGTON ST UNIVERSITY, WASHINGTON
                              3    4      5    9     3    3     6    5     1    5     39         4         43        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           AREAS OF CHEMISTRY INCLUDING PHYSICAL, ORGANIC, INORGANIC, ANALYTICAL & NUCLEAR CHEMISTRY,
           BIOCHEMISTRY & BIOPHYSICS. PREREQUISITES: A BACCALAUREATE DEGREE IN CHEMISTRY & ADEQUATE
           UNDERGRADUATE TRAINING IN SUBJECTS RECOMMENDED BY THE COMMITTEE ON PROFESSIONAL TRAINING OF THE
           AMERICAN CHEMICAL SOCIETY. IN ADDITION, THE UNDERGRADUATE CURRICULUM SHOULD INCLUDE COURSES IN
           PHYSICS, MATHEMATICS THROUGH  CALCULUS & AT LEAST ONE YEAR OF STUDY OF A MODERN  FOREIGN LANGUAGE.
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                                    *****  EARNED DEGREES CONFERRED  *****                                          MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME   PART-TIME   TOTAL  ENROLLMENT   REACHED

1905        CHEMISTRY GENERAL
         UNIVERSITY OF WYOMING, WYOMING
                              3    8     1    4     1    4     3    6     2    3                           40       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             ANALYTICAL, BIOLOGICAL CHEMISTRY, CHEMICAL PHYSICS, INORGANIC, ORGANIC, PHYSICAL AND
             RADIO-CHEMISTRY.  AREAS OF CURRENT RESEARCH INTEREST IN THE DEPARTMENT INCLUDE DIVERSE SUBJECTS FROM
             UV, IR, MASS AND NMR SPECTROSCOPY TO X-RAY CRYSTALLOGRAPHY.

            CHEMISTRY GENERAL
         UNIVERSITY OF COLORADO, COLORADO
                             20    9    10   17    11   23    10    9     7   14                          134       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             CURRICULAR EMPHASES OR SUBSPECIALTIES: ANALYTICAL  CHEMISTRY; ENVIRONMENTAL CHEMISTRY;
             BIOCHEMISTRY;INORGANIC CHEMISTRY; ORGANIC CHEMISTRY; PHYSICAL CHEMISTRY; BIOPHYSICAL CHEMISTRY; &
             CHEMICAL PHYSICS. PRIMARY CAREERS: TEACHING; RESEARCH IN GOVERNMENT LABORATORIES, INDUSTRY &
             NON-PROFIT ORGANIZATIONS.

            CHEMISTRY AND BIOCHEMICAL SCIENCES
         OREGON GRADUATE CENTER, OREGON
                              0    1     0    1     1    0     0    0     0    2      10          0         10       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             BIO-ORGANIC AND BIO-INORGANIC CHEMISTRY; BIOCHEMICAL SCIENCES (GENETICS, MOLECULAR BIOLOGY,
             MICROBIOLOGY). CURRENT RESEARCH INCLUDE KINETIC INVESTIGATIONS OF ENZYMATIC REACTIONS, VIBRATIONAL
             SPECTROSCOPY OF METALLOPROTEINS, PHOTOINITIATED ELECTRON TRANSFER REACTIONS BETWEEN
             LIGAND-COORDINATED METALCENTERS, THE ISOLATION, STRUCTURE ELUCIDATION ANDSYNTHESIS OF BIOLOGICALLY
             IMPORTANT COMPOUNDS, AND  THE CATALYTIC ACTIVITY OF NONSTOICHIOMETRIC OXIDE  SYSTEMS.

            CHEMISTRY
         U OF NM MAIN CAMPUS, NEW MEXICO
                              6    5     7    2     7    8     4    5    10    9                           63       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             ANALYTICAL, BIOCHEMISTRY, INORGANIC, ORGANIC, ANDPHYSICAL CHEMISTRY, ORIGINAL RESEARCH IN SUBFIELDIS
             REQUIRED FOR THE DOCTORAL DEGREE. GRADUATES ARE  PREPARED FOR CAREERS IN COLLEGE AND UNIVERSITY
             TEACHING AND RESEARCH, INDUSTRIAL RESEARCH, GOVERNMENT LABORATORY RESEARCH AND TECHNICAL AREA ENTRY
             INTO PROFESSIONAL SCHOOLS OF BUSINESS, LAW, AND MEDICINE.

1905     TOTAL

                           202  343   198  331   185  308   203  306   187  246    1506        186       2619

         COUNT

                             35
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74		1974-75		1975-76		1976-77		1977-78		GRADUATE ENROLLMENT 1977-78			MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
		MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	FULL-TIME	PART-TIME	TOTAL		
1906	INORGANIC CHEMISTRY U OF NEVADA RENO, NEVADA	0	0	0	2	0	0	0	0	0	0				NO	N/A
1906	TOTAL	0	0	0	2	0	0	0	0	0	0	0	0	0		
	COUNT	1														
1907	ORGANIC CHEMISTRY U OF NEVADA RENO, NEVADA	1	1	0	1	1	1	0	0	0	0				NO	N/A
1907	TOTAL	1	1	0	1	1	1	0	0	0	0	0	0	0		
	COUNT	1														
1908	PHYSICAL CHEMISTRY U OF NEVADA RENO, NEVADA	0	0	0	1	0	0	0	0	0	0				NO	N/A

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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                             ***** EARNED DEGREES CONFERRED  *****                                                  MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT  REACHED

1908     TOTAL

                            0    0     0    1     0    0     0    0     0    0       0          0         0



         COUNT

                            1




1910       PHARMACEUTICAL CHEMISTRY
         UNIVERSITY OF ARIZONA. ARIZONA
                            0    0     0    1     0    1     0    0     0    0       1          0         1        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             ONE OR MORE YEARS OF TEACHING IS GENERALLY REQUIRED OF ALL GRADUATE STUDENTS. ACCEPTABLE MINOR
             FIELDS INCLUDE ANATOMY. BIOL., BUS. ADM., CHEM., EDUC..ENGINEERING, MICROBIOLOGY. NUTRITION,
             PHARMACOLOGY. PHYSIOLOGY. ZOOLOGY. OR IN PHARMACY CONCENTRATIONS DIFFERENT FROM THE ONE SELECTED BY
             THE STUDENT.SPECIALIZED FACILITIES INCLUDE ANIMAL. PLANT & CHEMICAL SCIENCE LABS: CLINICAL
             PHARMACOKINETIC LAB:  MANUFACTURING LAB: MEDICINAL PLANT GARDEN & GREENHOUSE: ANIMAL COLONY:
             DISTILLATION & EXTRAC UNIT.

           PHARMACEUTICAL CHEMISTRY
         U CAL SAN FRISCO MEDL CTR. CALIFORNIA
                            0   14     0    7     2    5     2    9     1   13      53                   53        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             PHARMACEUTICAL CHEMISTRY OFFERS AN OPPORTUNITY TO  APPLY CHEMICAL. PHYSICAL & BIOLOGICAL PRINCIPLES
             TO THE DESIGN OF DRUGS & TO THE STUDY OF THE BIODISPOSITION OF DRUGS. IN ORDER TO EARN A PH.D. IN
             PHARMACEUTICAL CHEMISTRY. STUDENTS MAY CHOOSE ONE OF TWO MAJOR PATHS-MEDICINAL CHEMISTRY OR
             PHARMACEUTICS.

           PHARMACEUTICAL CHEMISTRY
         U OF SOUTHERN CALIFORNIA. CALIFORNIA
                            0    0     0    0     9    1    12    2     2    3                           13        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             BIOMEDICINAL CHEMISTRY: BIOPHARMACEUTICS AND PHARMACOKINETICS: PHARMACODYNAMICS AND RADIOPHARMACY.
             PREREQUISITES: GRE APTITUDE: BS.

1910     TOTAL

                            0   14     0    8    11    7    14   11     3   16      54          0        67
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                               ***** EARNED DEGREES CONFERRED  *****                                        MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

        COUNT

                             3




1911       ASTRONOMY
        UNIVERSITY OF ARIZONA, ARIZONA
                             0    1    0    6    1   10    0    6    1    3     14          7          21       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE FACILITIES OF THE STEWARD OBSERVATORY, ARE AVAILABLE FOR STUDENT RESEARCH. THE PRINCIPAL AREAS
            OF RESEARCH AT THE STEWART OBSERVATORY INCLUDE GALACTIC AND EXTRAGALACTIC INVESTIGATIONS, BOTH
            OBSERVATIONAL AND THEORETICAL; INFRARED ASTROPHYSICS; SPECTROGRAPHIC AND PHOTOMETRIC RESEARCH ON
            SINGLE AND MULTIPLE STARS; ASTRONOMICAL INSTRUMENTATION; THEORETICAL INVESTIGATIONS OF STELLAR
            ATMOSPHERES AND INTERIORS, & MAGNETOHYDRODYNAMICS & GENERAL RELATIVITY APPLIED TO ASTROPHYSICAL
            PROBLEMS.

           ASTRONOMY
        CAL INST OF TECHNOLOGY, CALIFORNIA
                             0    5    2    2    0    8    1    3    0    3     22          0          22       NO          N/A



           ASTRONOMY
        U OF CAL BERKELEY, CALIFORNIA
                             3    4    5    5    0    8    1    5    0    0     34          0          34       YES         NO



           ASTRONOMY
        U OF CAL LOS ANGELES, CALIFORNIA
                             2    4    5    2    6    1    2    2    5    2                            19       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE PROGRAM OF STUDY PROVIDES PREPARATION FOR ADVANCED WORK IN VARIOUS FIELDS OF MODERN ASTRONOMY.
            STUDIES OF SOLAR SYSTEM PLANETARY PHYSICS PROBLEMS  ARE CARRIED OUT IN COOPERATION WITH THE
            DEPARTMENT OF EARTH AND SPACE SCIENCES. THE DEPARTMENT MAINTAINS AN OFF-CAMPUS OBSERVATORY AT A DARK
            SITE ABOUT 50 MILES NORTHWEST OF LOS ANGELES. A 16-INCH REFLECTOR IS LOCATED ON CAMPUS.

           ASTRONOMY AND ASTROPHYSICS
        U OF CAL SANTA CRUZ, CALIFORNIA
                             0    2    2    7    0    0    2    5    0    4     18                     18       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE PROGRAM INCLUDES BOTH THEORETICAL AND OBSERVATIONAL ASTRONOMY WITH CONCENTRATIONS IN: STELLAR
            STRUCTURE AND EVOLUTION, STELLAR SPECTROSCOPY, THE INTERSTELLAR MEDIUM, GALACTIC STRUCTURE, EXTERNAL
            GALAXIES AND QUASARS, ASTROMETRY, GENERAL RELATIVITY AND GRAVITATIONAL RADIATION, INFRARED
            ASTRONOMY,  ADVANCED ASTRONOMICAL INSTRUMENTATION, HIGH ENERGY ASTROPHYSICS, PULSARS AND X-RAY
            ASTRONOMY.
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                            ***** EARNED DEGREES CONFERRED *****                                        MANDATORY     CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON    LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT    REACHED

1911         ASTRONOMY
       U OF HAWAII AT MANOA, HAWAII
                              4    0     7    2     2    1     4    0     0    3      5          10        15       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           SOLAR PHYSICS, PLANETARY & INFRARED ASTRONOMY, STELLAR ASTROPHYSICS, INTERSTELLAR MEDIUM, SPACE
           RESEARCH, EXTRAGALACTIC ASTRONOMY, GRADUATES ARE PREPARED FOR CAREERS IN UNIVERSITY TEACHING &
           RESEARCH  & GOVERNMENT RESEARCH LABORATORIES. PREREQS: GRE  (APTITUDE & ADVANCED TEST); MINIMUM OF
           35 SEMESTER HOURS OF UNDERGRADUATE CREDITS IN PHYSICS OR ASTRONOMY, INCLUDING ATOMIC & NUCLEAR
           PHYSICS, ELECTROMAGNETISM, MECHANICS, OPTICS, THERMODYNAMICS; COURSES IN DIFFERENTIAL EQUATIONS.

             ASTRONOMY
       NM STATE U MAIN CAMPUS, NEW MEXICO
                              0    0     0    1     0    1     0    1     0    3                           17       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           OBSERVATION. SPECIAL/RESEARCH/LAB/FIELD REQUIREMENTS-DOCTORAL DISSERTATION. OBSERVATION. 15
           CREDITSOF SENIOR/GRADUATE PHYSICS. FOREIGN LANGUAGE. CAREERS-OBSERVATIONAL ASTRONOMERS AND HIGHER
           EDUCATION  FACULTY.

             ASTRONOMY
       UNIVERSITY OF WASHINGTON, WASHINGTON
                              1 .  2     4    0     2    3     2    2     6    2     18           1        19       NO          N/A .
         BRIEF PROGRAM DESCRIPTION
           SINCE ALL ASPECTS OF ASTRONOMY DEPEND ON THE FUNDAMENTALS OF PHYSICS & MATHEMATICS, ESPECIALLY
           ATOMIC PHYSICS, NUCLEAR PHYSICS, & METHODS OF MATHEMATICAL PHYSICS. A MINIMUM OF 24 CREDITS IN
           PHYSICS IS  REQUIRED FOR A DOCTORATE. THE STUDENT'S THESIS RESEARCH MAY USE OBSERVATIONAL MATERIAL
           OBTAINED BY  USING THE FACILITIES OF EITHER THE UNIVERSITY OF  WASHINGTON OR ONE OF THE NATIONAL
           OBSERVATORIES,  OR THE THESIS PREPARATION MAY INVOLVE ANALYSIS &  INTERPRETATION OF EXISTING
           MATERIAL.

1911   TOTAL

                             10   18    25   25    11   32    12   24    12   20    111          18       165


       COUNT

                              8



1912         ASTROPHYSICS
       UNIVERSITY OF COLORADO, COLORADO
                              0    2     0    1     0    0     0    2     0    2                           13       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           CURRICULAR EMPHASES OR SUBSPECIALTIES: ASTROPHYSICS. PRIMARY CAREERS: RESEARCH IN ASTRONOMY OR
           PHYSICS. COLLEGE OR UNIVERSITY TEACHING.
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                            *****  EARNED DEGREES CONFERRED  *****                                                MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1912     TOTAL

                            0    2     0    1     0    0     0    2     0    2       0          0        13



         COUNT

                            1



1913        ATMOSPHERIC SCI & METEOROLOGY
         UNIVERSITY OF ARIZONA, ARIZONA
                            2    0     1    2     6    2     3    0     3    4      23          4        27      NO          N/A
           BRIEF PROGRAM DESCRIPTION
             IN CONJUNCTION WITH THE FACILITIES OF THE INSTITUTE OF ATMOSPHERIC PHYSICS, CONCENTRATIONS ARE
             AVAILABLE IN PHYSICAL METEOROLOGY, PHYSICAL CLIMATOLOGY, ATMOSPHERIC ELECTRICITY, AND ATMOSPHERIC
             RADIATION.

            ATMOSPHERIC SCI & METEOROLOGY
         U OF CAL DAVIS, CALIFORNIA
                            0    0     1    1     3    0     2    0     3    0      10          0        10      NO          N/A
           BRIEF PROGRAM DESCRIPTION
             BIOMETEROLOGY, ATMOSPHERIC RADIATION, REMOTE SENSING, ATMOSPHERIC TURBULENCE AND DIFFUSION, AIR
             POLLUTION METEOROLOGY, CLIMATE DYNAMICS, BOUNDARY LAYER METEOROLOGY, AND MESOSCALE DYNAMICS. GRADS
             ARE PREPARED FOR CAREERS IN FEDERAL AND STATE GOVERNMENT AGENCIES, RESEARCH AND DEVELOPMENT IN THE
             PRIVATE SECTOR, AND EDUCATION. PREREQ.: TWO LETTERS OF RECOMMENDATION AND GRE SCORES.

            ATMOSPHERIC SCI & METEOROLOGY
         U OF CAL LOS ANGELES, CALIFORNIA
                            5    5     9    2    10    6    10    7    10    1                           38      NO          N/A
           BRIEF PROGRAM DESCRIPTION
             THE DEPARTMENT OF ATMOSPHERIC SCIENCES SEEKS TO ADVANCE THE UNDERSTANDING OF ATMOSPHERIC
             PHENOMENA,RANGING IN SCALE FROM CLOUD PARTICLES & AEROSOLS TO  THE PLANETARY CIRCULATIONS: EXTENDING
             FROM THE INTERFACE OF THE ATMOSPHERE & THE UNDERLYING EARTH &  OCEANS TO ITS INTERACTION WITH THE
             SOLAR PLASMA:INVOLVING RADIATIVE,THERMODYNAMIC,PHOTOCHEMICAL,HYDRODYNAMIC & PLASMA PROCESSES: &
             USING THEORETICAL  & NUMERICAL ANALYSIS,LABORATORY EXPERIMENTATION &  FIELD OBSERVATION.

            ATMOSPHERIC SCI & METEOROLOGY
         COLORADO STATE UNIVERSITY, COLORADO
                           18    5     9    2    13    2    14    5    20    6                           65      NO          N/A
           BRIEF PROGRAM DESCRIPTION
             THE DEPARTMENT OFFERS GRADUATE PROGRAMS LEADING TO  THE MASTER OF SCIENCE & DOCTOR OF PHILOSOPHY
             DEGREES. TO ENHANCE EDUCATION & RESEARCH IN AIR POLLUTION PROBLEMS, AN INTERDISCIPLINARY PH.D.
             PROGRAM IN ATMOSPHERIC CHEMISTRY IS OFFERED IN COOPERATION  WITH THE DEPARTMENT OF CHEMISTRY.
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                               *****  EARNED DEGREES CONFERRED  *****                                              MANDATORY     CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78   CEILING ON    LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL     ENROLLMENT    REACHED

1913         METEOROLOGY
       U OF HAWAII AT MANOA, HAWAII
                            4    1     3    0     0    0     4    0     5    2       4          13        17          NO           N/A
        BRIEF PROGRAM DESCRIPTION
          TROPICAL METEOROLOGY--CLOUD PHYSICS, SYNOPTIC AND  NUMERICAL MODELING, SATELLITE METEOROLOGY,
          MONSOON METEOROLOGY, AND INTERACTIONS WITH MIDDLE LATITUDES. GRADUATES ARE PREPARED FOR CAREERS IN
          UNIVERSITY TEACHING AND IN RESEARCH AND OPERATIONAL METEOROLOGY. PREREQS: THOROUGH PREPARATION IN
          GENERAL PHYSICS, CHEMISTRY, MATHEMATICS THROUGH CALCULUS, 14 HOURS OF UNDERGRADUATE CREDITS IN
          METEOROLOGY.

         ATMOSPHERIC SCIENCES
       OREGON STATE UNIVERSITY, OREGON
                            1    0     3    0     2    0     4    0     3    1      14           2        16          NO           N/A
        BRIEF PROGRAM DESCRIPTION
          EMPHASIS IS ON THE FIELDS OF ATMOSPHERIC DYNAMICS.  MODELING, SYNOPTIC AND MESOSCALE ANALYSIS, AIR
          POLLUTION, DIAGNOSTIC STUDIES, RADIATION, THE BOUNDARY LAYER, AND CLIMATE. A BACHELOR*S DEGREE IN
          METEOROLOGY, ATMOSPHERIC SCIENCIES, OR OTHER SCIENCE OR ENGINEERING, INCLUDING ONE YEAR OF PHYSICS
          AND AT LEAST ONE YEAR OF CALCULUS, IS REQUIRED FOR ACCEPTANCE INTO THE GRADUATE PROGRAM.

         METEOROLOGY
       UNIVERSITY OF UTAH, UTAH
                            6    1     7    2    12    2     8    2    14    4                            41          NO           N/A
        BRIEF PROGRAM DESCRIPTION
          NUMERICAL WEATHER PREDICTION, ADVANCED SYNOPTIC METEOROLOGY, ADVANCED DYNAMIC METEOROLOGY, THEORY
          AND STRUCTURE OF ATMOSPHERIC TURBULENCE, BASIC RADIATION THEORY, CLOUD PHYSICS, SATELLITE
          METEOROLOGY.  BOUNDARY LAYER THEORY, ATMOSPHERIC DIFFUSION, AIR  POLLUTION METEOROLOGY, CLIMATOLOGY,
          MOUNTAIN METEOROLOGY, AND REMOTE SENSING.

         ATMOSPHERIC SCI & METEOROLOGY
       UNIVERSITY OF WASHINGTON, WASHINGTON
                            6    3     4    2     8    7     6    0     4    4      47          14        61          NO           N/A
        BRIEF PROGRAM DESCRIPTION
          THE PROGRAM PREPARES STUDENTS FOR CAREERS IN THE EXPANDING FIELDS OF THE ATMOSPHERIC SCIENCES. THESE
          INCLUDE RESEARCH CAREERS IN PLANETARY FLUID DYNAMICS,RADIATION,CLOUD PHYSICS,CHEMISTRY,BOUNDARY
          LAYER TURBULANCE,REMOTE SENSING,CLIMATOLOGY,GLACIOLOGY,SOLAR-ATMOSPHER INTERACTIONS; & OPERATIONAL
          CAREERS IN WEATHER PREDICTION,MANAGEMENT OF AIR POLLUTION,WEATHER MODIFICATION & SERVICES TO AIR &
          SEA TRANSPORTATION,AGRICULTURE,COMMUNICATIONS & SPACE OPERATIONS.

         ATMOSPHERIC SCI & METEOROLOGY
       UNIVERSITY OF WYOMING, WYOMING
                            2    1     2    0     3    1     4    1     6    0                            21          NO           N/A
        BRIEF PROGRAM DESCRIPTION
          PHENOMENA ON ALL SCALES FROM GLOBAL TO MOLECULAR.  STUDENT INVOLVEMENT IN FIELD AND LABORATORY
          RESEARCH PROGRAMS.  DEPARTMENT OPERATES OBSERVATORY, RADIOSONDE AND RADAR FACILITY, 2 TWIN ENGINE
          AIRCRAFT AND A LIDAR.  PREREQS: BACHELOR'S IN METEOROLOGY, ENGINEERING, PHYSICS, CHEMISTRY OR
          MATHEMATICS OR TRAINING EVALUATED AS EQUIVALENT.
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                                  ***** EARNED DEGREES CONFERRED *****                                       MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

1913     TOTAL

                             44   16    39   11    57   20    55   15    68   22      98         33       296



         COUNT

                              9




1914       GEOLOGY
       U OF ALASKA FAIRBANKS, ALASKA
                              3    0     8    0     0    0     4    0     2    1      11         11        22       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           OPPORTUNITIES PROVIDED FOR RESEARCH DEVOTED TOWARD  UNIQUELY ALASKAN ASPECTS OF GEOLOGY, SUCH AS
           VULCANOLOGY, GLACIOLOGY, ECONOMIC GEOLOGY, GEO-THERMAL  ACTIVITY, ETC. RESEARCH USUALLY CONDUCTED IN
           CONJUNCTION WITH RESEARCH LABORATORIES & FIELD WORK IN  REMOTE LOCATIONS IN COMMON. ADMISSION REQ:
           M.S. IN GEOLOGY OR CLOSELY RELATED SCIENCE. CAREER PREP:  PROFESSIONAL GEOLOGISTS, RESEARCHERS, OR
           PROFESSORS.

           GEOLOGY
       ARIZONA STATE UNIVERSITY, ARIZONA
                              9    1     8    1     8    1     9    2    16    1       1          5         6       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           STUDIES IN GEOMORPHOLOGY, GEOCHEMISTRY, STRUCTURAL  GEOLOGY, MINERALOGY, PALEONTOLOGY AND
           STRATIGRAPHY, SEDIMENTOLOGY, EXPERIMENTAL PETROLOGY, ORE DEPOSITS. INTERDISCIPLINARY STUDIES INCLUDE
           GEOCHEMICAL AND COSMOCHEMICAL RESEARCH ON METEORITES. GRADS  ARE PREPARED FOR TEACHING AT THE
           UNIVERSITY OR COLLEGE LEVEL AND FOR RESEARCH POSITIONS IN INDUSTRYAND GOVERNMENT. PREREQS: MASTERS
           DEGREE, ACCEPTABLE GRE SCORES.

          GEOSCIENCES
       UNIVERSITY OF ARIZONA, ARIZONA
                             11    5    16    7    27    5    34    6    25    8      94         72       166       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           CONCENTRATED STUDIES ARE AVAILABLE IN GEOBIOLOGY,  MINERALOGY, PETROLOGY, ECONOMIC GEOLOGY,
           STRATIGRAPHY, SEDIMENTATION, MICROPALEONTOLOGY, BIOSTRATIGRAPHY, GEOCHRONOLOGY, REGIONAL GEOLOGY,
           STRUCTURALGEOLOGY, PLATE TECTONICS, GEOMORPHOLOGY, GEOCHEMISTRY, AND GEOPHYSICS. PROGRAMS CAN BE
           ARRANGED FOR  MULTIDISCIPLINARY WORK IN QUATERNARY STUDIES, EARTH SCIENCE EDUCATION, AND
           ENVIRONMENTAL STUDIES.
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                               *****  EARNED DEGREES CONFERRED  *****                                            MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

1914        GEOLOGY AND PLANETARY SCIENCES
       CAL INST OF TECHNOLOGY, CALIFORNIA
                             13    8   10    4    7    9   11    9   11   14     81          0        81        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           MAJOR SUBJECT. THE WORK FOR THE DOCTORATE IN THE DIVISION OF GEOLOGICAL AND PLANETARY SCIENCES SHALL
           CONSIST OF ADVANCED STUDIES AND OF RESEARCH IN SOME DISCIPLINE IN THE GEOLOGICAL SCIENCES WHICH WILL
           BE TERMED THE "MAJOR SUBJECT" OF THE CANDIDATE.THE DIVISION WILL ACCEPT AS MAJOR SUBJECTS THE
           DISCIPLINES LISTED HEREWITH. GEOLOGY AND GEOBIOLOGY.GEOCHEMISTRY, GEOPHYSICS, AND PLANETARY SCIENCE.

            GEOLOGY
       STANFORD UNIVERSITY, CALIFORNIA
                             16   10    9    7   13   10    8    9    8   12                          75        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           GENERAL GEOLOGY, STRUCTURAL GEOLOGY, GEOMORPHOLOGY, HYDROGEOLOGY AND ENVIRONMENTAL GEOLOGY,
           SEDIMENTARY GEOLOGY AND PALEONTOLOGY, GEOCHEMISTRY, MINERALOGY, PETROLOGY, MATHEMATICAL GEOLOGY, AND
           ORE GENESIS.

            GEOLOGY
       U OF CAL BERKELEY, CALIFORNIA
                              9    4    9    2   12    0   12    7    0    0     44          0        44       YES          NO


            GEOLOGY
       U OF CAL DAVIS, CALIFORNIA
                              5    2    4    1    3    3    2    2    3    2     48          0        48        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           CRUST & MANTLE EVOLUTION, PALEOBIOLOGY OF INVERTEBRATES & PROTISTS, & ENVIRONMENTAL GEOLOGY.
           SPECIALIZED STUDIES INCLUDE IGNEOUS, METAMORPHIC & SEDIMENTARY PETROLOGY, GEOCHEMISTRY,
           STRATIGRAPHY, & PROGRAMS IN HIGH PRESSURE EXPERIMENTAL PETROLOGY & ROCK DEFORMATION. GRADS ARE
           PREPARED FOR CAREERS IN  RESEARCH & TEACHING AT THE COLLEGE & UNIVERSITY LEVELS, PRIVATE INDUSTRY,
           GOVERNMENT AGENCIES. PREREQ.: THREE LETTERS OF RECOMMENDATION, GRE SCORES SUGGESTED.

            GEOLOGY
       U OF CAL LOS ANGELES, CALIFORNIA
                              3    9    8    6    5    5    4    7    5    5                          43        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE PROGRAM IN GEOLOGY OFFERS STUDY IN GEOCHEMISTRY, GEOLOGICAL PHYSICS, GEOMORPHOLOGY,
           GLACIOLOGY.MINERAL DEPOSITS, MINERALOGY, ORGANIC GEOCHEMISTRY, PALEOBIOLOGY, PETROLOGY,
           SEDIMENTOLOGY, STRATIGRAPHY, STRUCTURAL GEOLOGY, TECTONOPHYSICS, AND OTHER FIELDS. APPLICANTS MUST
           HAVE STRONG TRAINING IN  THE BASIC MATHEMATICS, PHYSICS, CHEMISTRY, OR BIOLOGY RELEVANT TO THEIR
           SUBDISCIPLINE. A DEGREE IN  GEOLOGY IS NOT REQUIRED.
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                                ***** EARNED DEGREES CONFERRED  *****                                   MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74   1974-75   1975-76   1976-77   1977-78   GRADUATE ENROLLMENT 1977-78 CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1914        GEOLOGICAL SCIENCES
       U OF CAL RIVERSIDE, CALIFORNIA
                             6    3    6    3    2    2    8    2    6    1     28                  28       NO           N/A
         BRIEF PROGRAM DESCRIPTION
           THE PH.D. PROGRAM EMPHASIZES GENERAL GEOLOGY COMBINED WITH SPECIALIZATION IN FIELDS SUCH AS APPLIED
           AND ENGINEERING GEOPHYSICS, GEOCHEMISTRY, PETROLOGY, STRATIGRAPHY, SEDIMENTATION, VERTEBRATE
           PALEONTOLOGY, AND INVERTEBRATE PALEONTOLOGY. ALL STUDENTS ARE REQUIRED TO TAKE AN ORIENTATION
           EXAMINATION.A READING KNOWLEDGE OF GERMAN, FRENCH OR RUSSIAN FOR ADVANCEMENT TO CANDIDACY FOR THE
           PH.D. IS REQUIRED.

            GEOLOGY
       U OF CAL SANTA BARBARA, CALIFORNIA
                             6    5    7    1    5    7    4    2    0    0     46         1        47       NO           N/A
         BRIEF PROGRAM DESCRIPTION
           THE STUDENT MUST DEMONSTRATE THE FOLLOWING PROFICIENCIES: 1. SUPERIOR COMPETENCE IN THE SPECIAL
           FIELD, 2. BROAD KNOWLEDGE IN THE GEOLOGICAL SCIENCES.3. SATISFACTORY KNOWLEDGE IN OTHER SCIENCES,
           GERMANE TO THE FIELD OF INTEREST.

            GEOLOGICAL SCIENCES
       U OF SOUTHERN CALIFORNIA, CALIFORNIA
                             9    3    4    2   11    6   15    7   14    1                         94       NO           N/A
         BRIEF PROGRAM DESCRIPTION
           MICROPALEONTOLOGIC, MINERALOGIC, PETROLOGIC, GEOCHEMICAL RESEARCH; INVERTEBRATE PALEONTOLOGY;
           SEDIMENTATION; OCEANOGRAPHY; MARINE GEOLOGY. PREREQUISITES: GRE APTITUDE; SCIENCE COURSE
           REQUIREMENTS OF BS IN GEOLOGY.

            GEOLOGY
       COLORADO SCHOOL OF MINES, COLORADO
                             9    5   14    2    9    3   16    5   14    3                                  YES          NO
         BRIEF PROGRAM DESCRIPTION
           EXPLORATION ORIENTED GEOLOGY PROGRAM WITH EMPHASES  ON ORE DEPOSITS, PETROLEUM EXPLORATION &
           GEOCHEMICAL EXPLORATION. MSC & GRE ADVANCED GEOLOGY. (NOTE: ENROLLMENT STATISTICS ARE UNDER 0911).

            GEOLOGY & EARTH RESOURCES
       COLORADO STATE UNIVERSITY, COLORADO
                            15    5   10   10   12    4   17    2   13    4                         73       NO           N/A
         BRIEF PROGRAM DESCRIPTION
           PROGRAMS IN WATERSHED SCIENCES AND GEOLOGY WITH SPECIALIZATIONS IN LAND USE HYDROLOGY.
           NON-RENEWABLERESOURCES, AND SURFICIAL MATERIALS AND PROCESSES.OLOGY, MINERALOGY, NATURAL RESOURCES
           ADMINISTRATION, PETROLOGY, REMOTE SENSING OF EARTH RESOURCES, SEDIMENTOLOGY & WATERSHED & SNOW
           HYDROLOGY.

            GEOLOGY
       UNIVERSITY OF IDAHO, IDAHO
                             4    2    4    3    4    5    7    9    8    5     32        21        53       NO           N/A
         BRIEF PROGRAM DESCRIPTION
           ADMISSION TO THE DOCTORAL PROGRAM IS BASED ON THE  COMPATIBILITY OF THE STUDENT'S RESEARCH INTEREST
           WITH THOSE OF THE MAJOR PROFESSOR, UPON THE AVAILABILITY OF RESEARCH SUPPORT, AND THE STUDENT'S
           ACADEMIC RECORD AND POTENTIAL.
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                                 ***** EARNED DEGREES CONFERRED *****                                             MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1914        GEOLOGY
        UNIVERSITY OF MONTANA, MONTANA
                             7    1    11    4    5    4    5    2    10    0    28          9         37        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           REGIONAL TECTONICS, GRANITES & REGIONAL METAMORPHISM, METALIC MINERAL DEPOSITS, BELT STRATIGRAPHY,
           PALEOGOIC CARBONATES, TERTIARY BASIN DEPOSITION, ACID GEOLOGIC HISTORY, REGIONAL GEOPHYSICS, REMOTE
           SENSING, HYDROGEOLOGY, ENERGY RESOURCES & CLAY MINERALOGY. THE GRADUATE RECORD EXAMINATION IS
           REQUIRED. GRADUATES ARE EMPLOYED IN HIGHER EDUCATION, GOVERNMENT & PRIVATE INDUSTRY.

            GEOLOGY
        U OF NEVADA RENO, NEVADA
                             3    0     9    0    8    1    0    0     0    0                                            NO          N/A


            GEOSCIENCE-GEOLOGY
        NM INST OF MINING & TECHN, NEW MEXICO
                             7    1     3    1    9    1    7    1     6    0    28          3         31        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PROGRAM EMPHASIZES STABILITIES AND SOLUTIONS-MINERAL EQUILIBRIA IN PROBLEMS OF BASE METAL ORE
           GENESIS. GRADUATES ARE PREPARED FOR COLLEGE TEACHING ORRESEARCH AND DEVELOPMENT CAREERS.

            GEOLOGY
        OREGON STATE UNIVERSITY, OREGON
                             6    2     6    4   11    2    9    1    14    1    34         17         51        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE DEPARTMENT OF GEOLOGY OFFERS GRADUATE WORK LEADING TOWARD THE MASTER OF ARTS, MASTER OF SCIENCE,
           AND DOCTOR OF PHILOSOPHY DEGREES WITH MAJORS IN THE FIELDS OF AREAL GEOLOGY, ECONOMIC GEOLOGY,
           GEOCHEMISTRY, IGNEOUS AND SEDIMENTARY PETROLOGY, INVERTEBRATE PALEONTOLOGY, MICROPALEONTOLOGY,
           SEDIMENTOLOGY, STRATIGRAPHY, STRUCTURAL GEOLOGY, AND VOLCANOLOGY.

            GEOLOGY
        U OF OREGON MAIN CAMPUS, OREGON
                             3    2     7    2    5    1    3    4    13    2    20         11         31        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PETROLOGY AND GEOCHEMISTRY OF VOLCANIC ROCKS: EXPERIMENTAL PETROLOGY: PALEONTOLOGY AND SEDIMENTARY
           PETROLOGY. GRADUATES ARE PREPARED FOR CAREERS IN UNIVERSITY TEACHING AND RESEARCH, RESEARCH WITH
           INDUSTRIAL AND GOVERNMENT ORGANIZATIONS, AND APPLIED GEOLOGY WITH MINING AND PETROLEUM COMPANIES AND
           OTHER ORGANIZATIONS. PREREQUISITES FOR ADMISSION INCLUDE: UNDERGRADUATE OR MASTER*S DEGREE IN
           GEOLOGY OR RELATED SCIENCES, AND HIGH ACHIEVEMENT ON GRADUATE RECORD EXAMINATION.

            GEOLOGY
        BRIGHAM YOUNG U MAIN CAM, UTAH
                             7    0     8    0    7    1   10    0     6    1                          23        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PREREQUISITES, MASTER'S DEGREE IN GEOLOGY OR EQUIVALENT COURSE WORK. FIELDS, ECONOMIC GEOLOGY:
           MINERALOGY, GEOCHEMISTRY, AND PALEONTOLOGY: STRATIGRAPHY AND SEDIMENTATION: STRUCTURAL AND FIELD
           GEOLOGY.  MINORS PERMISSIBLE, OUTSIDE THE DEPARTMENT OR FIELDS WITHIN THE DEPARTMENT, AS APPROVED BY
           THE APPLICANT'S COMMITTEE. REQUIREMENTS, APPROVED COURSES.  DEMONSTRATE COMPETENCE IN RESEARCH, AND
           A DISSERTATION (18-HR. MIN.--799R).
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                                 ***** EARNED DEGREES CONFERRED *****                                     MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74   1974-75   1975-76   1976-77   1977-78  GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1914       GEOLOGY
         UNIVERSITY OF UTAH, UTAH
                            7    3    5    3    8    0    9    3    5    2                          57       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            EXPERIMENTAL AND THEORETICAL RESEARCH IS CARRIED OUT IN MINERALOGY, PETROLOGY, STRUCTURAL GEOLOGY,
            ECONOMIC GEOLOGY, STRATIGRAPHY, SEDIMENTOLOGY, PALEONTOLOGY, ISOTOPE GEOLOGY, GEOCHEMISTRY,
            GEOCHEMICAL EXPLORATION, SEISMOLOGY, PALEOMAGNETISM, GEOMAGNETISM, MINING GEOPHYSICS, PETROLEUM
            GEOPHYSICS, GRAVITY, FOUNDATION ENGINEERING, SLOPE STABILITY, ROCK MECHANICS, HYDROLOGY, LIMNOLOGY,
            AND PLANETOLOGY.

           GEOLOGY
         UNIVERSITY OF WASHINGTON, WASHINGTON
                            6    7   10    7    6    7   11    4   12    6     60          16        76       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            THE DEPARTMENT EMPHASIZES A RIGOROUS SCIENTIFIC APPROACH TO SIGNIFICANT PROBLEMS IN THE GEOLOGICAL
            SCIENCES, RECOGNIZING THAT THE IDENTIFICATION OF A  SUITABLE RESEARCH PROBLEM IS JUST AS IMPORTANT
            AS  ITS SOLUTION. THE DEPARTMENT HAS RECENTLY EXPANDED THE NUMBER AND SCOPE OF ITS GRADUATE LEVEL
            COURSES AND SEMINARS. STUDY IN VIRTUALLY ALL BRANCHES OF GEOLOGICAL SCIENCES IS POSSIBLE.

           GEOLOGY
         WASHINGTON ST UNIVERSITY, WASHINGTON
                            5    2    2    0    5    3    1    3    7    1     40           9        49       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            FIVE MAJOR AREAS OF SPECIALIZATION: 1) MINEROLOGY-PETROLOGY-GEOCHEMISTRY,2) MINERAL DEPOSITS,3)
            STRATIGRAPHY-PALEONTOLOGY,4) GROUNDWATER GEOLOGY-HYDROGEOLOGY,5) STRUCTURAL GEOLOGY. PREREQUISITES:
            34 SEM. HOURS OF UNDERGRADUATE COURSES IN GEOLOGY,INCLUDING PHYSICAL & HISTORICAL GEOLOGY,
            MINERALOGY, PETROLOGY, INVERTEBRATE PALEONTOLOGY,STRUCTURAL GEOLOGY & A SIX-WEEK COURSE IN
            GEOLOGICAL FIELD METHODS, GENERAL PHYSICS, INORGANIC CHEMISTRY & MATHEMATICS THROUGH FIRST SEMESTER
            CALCULUS.

           GEOLOGY
         UNIVERSITY OF WYOMING, WYOMING
                            9    2    5    3    9    0   21    3   17    6                          83       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            ANALYTICAL WORK IN GEOCHEMISTRY AND MINERALOGY PETROLOGY.  EQUIPMENT INCLUDES ELECTRON MICROSCOPE,
            X-RAY DIFFRACTION AND EMISSION UNITS AND ATOMIC ABSORPTION UNITS.  OPTICAL LABORATORIES FOR
            TRANSMITTED AND REFLECTED LIGHT STUDIES, AND PALEONTOLOGICAL AND SEDIMENTOLOGY LABORATORIES.  ALSO
            STUDIES IN  QUANTITATIVE GEOLOGY.  PREREQS: ONE LANGUAGE IF ESSENTIAL TO STUDENT*S RESEARCH.
            RESEARCH TOOL SUCH AS STATISTICS OR COMPUTER SCIENCE MAY BE RECOMMENDED.

           GEOLOGY
         UNIVERSITY OF COLORADO, COLORADO
                           12    3   14    4   11    6   12    8   14    5                         106       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            CURRICULAR EMPHASES OR SUBSPECIALTIES: STRUCTURAL  & REGIONAL GEOLOGY, PALEONTOLOGY, QUATERNARY
            GEOLOGY & GEOMORPHOLOGY, PETROLOGY, GEOCHEMISTRY & MINERAL DEPOSITS & GEOPHYSICS INCLUDING (A) ROCK-
            & PALEOMAGNETISM, (B) ROCK MECHANICS & (C) SEISMOLOGY& CRUSTAL DEFORMATION, PRIMARY CAREERS: MINERAL
            EXMPLORATION & EVALUATION; ENVIRONMENTAL HAZARDS ANALYSIS, ENVIRONMENTAL ASSESSMENT & IMPACT; WORK
            WITH FEDERAL & STATE SURVEYS; TEACHING.
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                                  ***** EARNED DEGREES CONFERRED *****                                            MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

1914         GEOLOGY
       U OF NM MAIN CAMPUS, NEW MEXICO
                              5    2    11    2    9    3    6    3    14    1                          62       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           MINERALOGY, IGNEOUS AND METAMORPHIC PETROLOGY, SEDIMENTARY PETROLOGY-SEDIMENTOLOGY,
           STRATIGRAPHY-PALEONTOLOGY, STRUCTURE TECTONICS, GEOCHEMISTRY, ECONOMIC GEOLOGY, GEOPHYSICS,
           ASTROGEOLOGY-METEORITICS, APPLICANTS WHO DO NOT ALREADY HAVE AN M.S. MUSTTAKE A QUALIFYING
           EXAMINATION AFTER THE FIRST SEMESTER OF GRADUATE WORK. PASSING AT LEAST ONE FOREIGN LANGUAGE EXAM
           REQUIRED. CAREER: COLLEGE AND UNIVERSITY TEACHING AND RESEARCH, RESEARCH WITH GOVERNMENT OR OTHER
           AGENCIES, CONSULTING.


1914     TOTAL

                            195   87   208   79   211   89   245  100   243   82    595        175      1386


         COUNT

                             26



1915         GEOCHEMISTRY
       U OF CAL LOS ANGELES, CALIFORNIA
                              1    4     0    1    0    0    1    2     3    0                          16       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           THE PROGRAM IN GEOCHEMISTRY OFFERS STUDY IN BIOGEOCHEMISTRY,CRYSTAL CHEMISTRY,EXPERIMENTAL
           PETROLOGY,ISOTOPIC STUDIES OF LIGHT ELEMENTS.MARINE GEOCHEMISTRY,METEORITE RESEARCH,PLANETOLOGY &
           LUNAR GEOCHEMISTRY. APPLICANTS MUST HAVE OUTSTANDING UNDERGRADUATE RECORDS IN CHEMISTRY,PHYSICS &
           MATHEMATICS.THE BACHELOR'S DEGREE MAY BE IN CHEMISTRY,GEOLOGY,PHYSICS OR OTHER PHYSICAL SCIENCES.

             GEOCHEMISTRY
       COLORADO SCHOOL OF MINES, COLORADO
                              1    1     0    0    0    0    5    1     4    0                                   YES        NO
         BRIEF PROGRAM DESCRIPTION
           PROGRAM WHICH INCLUDES ENVIRONMENTAL GEOCHEMISTRY,  GEOCHEMICAL PROSPECTING & GEOCHEMISTRY OF
           GEOTHERMAL SOURCES, OIL SHALE & HUMIC MATERIALS. MSC & GRE APTITUDE. (ENROLLMENTS INCLUDED UNDER
           1999).

             GEOSCIENCE-GEOCHEMISTRY
       NM INST OF MINING & TECHN, NEW MEXICO
                              2    0     0    1    2    1    1    0     2    0      6          0         6       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           PROGRAM EMPHASIZES ELEMENTAL FRACTIONATION STUDIES, HYDROCHEMISTRY AND ENVIRONMENTAL GEOCHEMISTRY.
           GRADUATES ARE PREPARED FOR COLLEGE TEACHING OR RESEARCH AND DEVELOPMENT CAREERS.
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                                 ***** EARNED DEGREES CONFERRED *****                                            MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/     1973-74   1974-75   1975-76   1976-77   1977-78   GRADUATE ENROLLMENT 1977-79  CEILING ON  LEVEL
CODE     INSTITUTION       MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT  REACHED

1915     TOTAL

                             4    5    0    2    2    1    7    3    9    0       6          0         22


         COUNT

                             3



1916        GEOPHYSICS
         U OF ALASKA FAIRBANKS, ALASKA
                             1    2    1    4    1    3    0    0    0    2       5          7         12       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             PROGRAM EMPHASIZES PROGRAMS OF STUDY OUTLINED UNDER PHYSICS AND GEOLOGY, E.G., GEOMAGNETISM AND
             EARTH CURRENTS, GLACIOLOGY, VOLCANOLOGY. SEE PHYSICS AND GEOLOGY.

            GEOPHYSICS
         STANFORD UNIVERSITY, CALIFORNIA
                            14    2    4    8    7    3   20    9   23    3                            56       NO          N/A
           BRIEF PROGRAM DESCRIPTION
             PALEOMAGNETISM, SEISMOLOGY, TECTONICS, TECTONOPHYSICS, GEOMAGNETISM, CONTINUUM MECHANICS,
             POTENTIALTHEORY, ROCK PHYSICS, AND FIELD TECHNIQUES.

            GEOPHYSICS
         U OF CAL BERKELEY, CALIFORNIA
                             4    1    3    2    4    2    5    6    0    0      13          0         13       YES         NO



            GEOPHYSICS
         COLORADO SCHOOL OF MINES, COLORADO
                             1    1    7    6    4    2    4    3    7    2                                     NO          N/A
           BRIEF PROGRAM DESCRIPTION
             RESEARCH IN THE SCIENTIFIC BASIS FOR GEOPHYSICAL EXPLORATION METHODS. MSC & GRE APTITUDE.
             (ENROLLMENTS INCLUDED UNDER 0912).

            GEOPHYSICS
         U OF NEVADA RENO, NEVADA
                             1    1    1    0    0    1    0    0    0    0                                     NO          N/A
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                              ***** EARNED DEGREES CONFERRED *****                                     MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1916        GEOSCIENCE-GEOPHYSICS
        NM INST OF MINING & TECHN. NEW MEXICO
                             5    2     2    0     1    1     5    0     5    0     8          1         9      NO          N/A
          BRIEF PROGRAM DESCRIPTION
            PROGRAM EMPHASIZES CRUSTAL EXPLORATION. EARTHQUAKE  SEISMOLOGY AND GEOTHERMAL STUDIES. GRADUATES
            AREPREPARED FOR COLLEGE TEACHING OR RESEARCH AND DEVELOPMENT CAREERS.

            GEOPHYSICS
        OREGON STATE UNIVERSITY. OREGON
                             0    0     0    0     2    0     2    0     3    1     12         3         15     YES         NO
          BRIEF PROGRAM DESCRIPTION
            THE GEOPHYSICS PROGRAM IN THE SCHOOL OF OCEANOGRAPHY (SEE OCEANOGRAPHY) OFFERS GRADUATE WORK LEADING
            TOWARD THE DEGREES OF M.S.. M.A.. AND PH.D. IN GEOPHYSICS AND GEOPHYSICAL OCEANOGRAPHY. RESEARCH
            OPPORTUNITIES EXIST FOR A WIDE RANGE OF PROBLEMS IN  SOLID EARTH GEOPHYSICS WITH EMPHASIS ON APPLIED
            AND THEORETICAL ASPECTS OF MARINE AND LAND GEOPHYSICS AND GEOTHERMAL PROCESSES. A THESIS IS USUALLY
            REQUIRED FOR THE MASTER'S DEGREE.

            GEOPHYSICS
        UNIVERSITY OF UTAH. UTAH
                             6    2     3    3     9    0     13   2     11   1                          29     NO          N/A
          BRIEF PROGRAM DESCRIPTION
            SEE 1914 GEOLOGY.UT IN MINERALOGY. PETROLOGY. STRUCTURAL GEOLOGY. ECONOMIC GEOLOGY. STRATIGRAPHY.
            SEDIMENTOLOGY. PALEONTOLOGY. ISOTOPE GEOLOGY. GEOCHEMISTRY. GEOCHEMICAL EXPLORATION. SEISMOLOGY.
            PALEOMAGNETISM. GEOMAGNETISM. MINING GEOPHYSICS. PETROLEUM GEOPHYSICS. GRAVITY. FOUNDATION
            ENGINEERING. SLOPE STABILITY. ROCK MECHANICS. HYDROLOGY. LIMNOLOGY. AND PLANETOLOGY.

            GEOPHYSICS
        UNIVERSITY OF WASHINGTON. WASHINGTON
                             5    4     1    3     4    4     4    2     6    2     36         10        46     NO          N/A
          BRIEF PROGRAM DESCRIPTION
            MAJOR AREAS OF INTEREST ARE INTERNAL & SURFACE STRUCTURES OF PLANETS DYNAMICAL PROCESSES WITHIN THE
            EARTH. OCEANS & ATMOSPHERES. AS WELL AS ASSOCIATED ENVIRONMENTAL APPLICATIONS. THE REQUIRED
            CURRICULUM IS FELXIBLE IN ORDER TO REFLECT THE WIDE VARIETY OF SCIENTIFIC DISCIPLINES THAT MAY BE
            REQUIRED  TO TACKLE SPECIFIC PROBLEMS IN GEOPHYSICS.


1916     TOTAL

                             37   15    22   26    32   16    53   22    55   11    74         21        180


         COUNT

                             9
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                              *****  EARNED DEGREES CONFERRED  *****                                              MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

1917        EARTH SCIENCES
       U OF CAL SANTA CRUZ, CALIFORNIA
                              4    3     2    3     2    2     4    3     3    4     33                    33       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE PROGRAM IS DESIGNED TO PREPARE STUDENTS AS PRODUCTIVE RESEARCHERS. STUDENTS ARE EXPECTED TO AID
           EXTENSIVELY IN DESIGNING THEIR PROGRAM, SPEND THEIR FIRST YEAR IN COURSE STUDY AND PURSUE RIGOROUS
           INDEPENDENT RESEARCH IN SUBSEQUENT YEARS. THE PROGRAM CENTERS ON LOOSE FACULTY-STUDENT INTERACTION.

        GEOLOGY & GEOPHYSICS
       U OF HAWAII AT MANOA, HAWAII
                              7    3     7    4    11    1    10    2     9    4     32         23         55       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           GENERAL GEOLOGY; GEOPHYSICS; GEODESY & GRAVITY; HYDROLOGY & ENGINEERING GEOLOGY; MARINE GEOL. &
           GEOPHYSICS; SEISMOLOGY; VOLCANOLOGY; PETROLOGY; GEOCHEMISTRY. GRADS ARE PREPARED FOR CAREERS IN IND.
           & GOVT., RESEARCH & TEACHING, EXPLORATION & EVALUATION. PREREQS: GRE (APT & ADV), M.S. OR EQUIV. OR
           UG  MAJOR IN NATURAL SCI.TRY AND GOVERNMENT, RESEARCH EXPLORATION AND EVALUATION; AND IN UNIVERSITY
           TEACHING.

1917   TOTAL

                             11    6     9    7    13    3    14    5    12    8     65         23         88


       COUNT

                              2



1918        PALEONTOLOGY
       U OF CAL BERKELEY, CALIFORNIA
                              3    0     3    4     3    6     2    1     0    0     23          0         23       YES         NO


1918   TOTAL

                              3    0     3    4     3    6     2    1     0    0     23          0         23


       COUNT

                              1
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                             ***** EARNED DEGREES CONFERRED *****                                          MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78 CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED


1919         OCEANOGRAPHY
        U OF ALASKA FAIRBANKS, ALASKA
                             3    1     1    1     0    1     4    1     3    1     19         15         34       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            ACADEMIC AND RESEARCH OPPORTUNITIES IN OCEANOGRAPHY AND OCEAN ENGINEERING, AS WELL AS ON-THE-JOB
            TRAINING THROUGH RESEARCH LABORATORIES, THE SEWARD MARINE STATION, AND VARIOUS RESEARCH VESSELS.
            CAREER  PREP: OCEANOGRAPHIC RESEARCH OR APPLIED FIELDS IN  BIOLOGICAL, GEOLOGICAL, OR PHYSICAL
            OCEANOGRAPHY.

             OCEANOGRAPHY
        U OF CAL SAN DIEGO, CALIFORNIA
                            11   10    12   35     5   30     4   25     8   31    191          3        194       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            A PH.D. FROM THE SCRIPPS INSTITUTION OF OCEANOGRAPHY INCLUDES OCEANOGRAPHY, MARINE BIOLOGY, OR EARTH
            SCIENCES. CURRICULAR PROGRAMS INCLUDE BIOLOGICAL  OCEANOGRAPHY, MARINE BIOLOGY, MARINE CHEMISTRY,
            GEOLOGICAL SCIENCES, GEOPHYSICAL, PHYSICAL OCEANOGRAPHY AND APPLIED OCEAN SCIENCES. THE GRADUATE
            RECORD EXAMINATION IS REQUIRED AND SPECIFIC REQUIREMENTS FOR THE VARIOUS CURRICULAR PROGRAMS.

             OCEANOGRAPHY
        U OF HAWAII AT MANOA, HAWAII
                             6    1    13    3     7    3     2    7     5    5     21         32         53       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            PHYSICAL, CHEMICAL, GEOLOGICAL AND BIOLOGICAL OCEANOGRAPHY. GRADUATES ARE PREPARED FOR CAREERS IN
            RESEARCH AND UNIVERSITY TEACHING. PREREQS: GRE (APTITUDE AND ADVANCED), UNDERGRADUATE MAJOR IN
            PHYSICS, CHEMISTRY, GEOLOGY, GEOPHYSICS, ENGINEERING, MATHEMATICS, BIOLOGY, ZOOLOGY, OR BOTANY; ONE
            YEAR CALCULUS, PHYSICS, CHEMISTRY.

             OCEANOGRAPHY
        OREGON STATE UNIVERSITY, OREGON
                            25   12    19    8    22    5    15   15    27    6     85         11         96       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE SCHOOL OF OCEANOGRAPHY OFFERS GRADUATE PROGRAMS ONLY. M.A., M.S., AND PH.D. DEGREES ARE OFFERED
            IN BIOLOGICAL, CHEMICAL, GEOLOGICAL, GEOPHYSICAL,AND PHYSICAL OCEANOGRAPHY, AND GEOPHYSICS. THE
            MASTER'S DEGREE IS ALSO OFFERED WITH AN OPTION IN MARINE RESOURCE MANAGEMENT.

             OCEANOGRAPHY
        UNIVERSITY OF WASHINGTON, WASHINGTON
                            18    7    12    6     4    2    11   10    19    3     78         18         96       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            AREAS OF SPECIALIZATION INCLUDE BIOLOGICAL, CHEMICAL, GEOLOGICAL & PHYSICAL OCEANOGRAPHY & THE
            INTERDISCIPLINARY AREAS OF MARINE GEOCHEMISTRY, GEOPHYSICS & FLUID DYNAMICS. THE STUDENT
            DEMONSTRATES HIS  COMPETENCE IN COURSE WORK, SEMINARS, A DEPARTMENTAL EXAMINATION & SUPERVISED
            RESEARCH ACTIVITY. WHEN THE STUDENT APPEARS PROPERLY PREPARED, HE STANDS  FOR THE GENERAL
            EXAMINATION OF THE GRADUATE SCHOOL TO BECOME A CANDIDATE FOR THE PH.D.
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
1919	TOTAL	63	31	57	53	38	41	36	58	62	46	394	79	473		
	COUNT	5														
1920	METALLURGY UNIVERSITY OF ARIZONA, ARIZONA	0	1	0	0	0	0	0	1	3	2	13	9	22	NO	N/A
	BRIEF PROGRAM DESCRIPTION PROGRAM EMPHASIZES PROCESS METALLURGY: THE STUDY OF THE RELATIONSHIPS BETWEEN PROCESSING VARIABLES AND THE STRUCTURE AND PROPERTIES OF THE RESULTING MATERIAL.															
	METALLURGY COLORADO SCHOOL OF MINES, COLORADO	0	1	0	0	0	0	1	3	0	0				NO	N/A
	BRIEF PROGRAM DESCRIPTION STUDY & RESEARCH IN THE FUNDAMENTAL SCIENCE BEHIND THE METALLURGICAL ENGINEERING APPLICATION. MSC &GRE APTITUDE. (ENROLLMENTS INCLUDED UNDER 0914).															
	METALLURGY NM INST OF MINING & TECHN, NEW MEXICO	4	0	7	2	6	1	1	3	2	4	11	0	11	NO	N/A
	BRIEF PROGRAM DESCRIPTION PROGRAM EMPHASIZES SOLUTION MINING, DYNAMIC PROPERTIES OF METALS AND MICROSCOPY OF MATERIALS. GRADUATES ARE PREPARED FOR INDUSTRIAL ENGINEERING AND RESEARCH, GOVERNMENT LABORATORIES, COLLEGE TEACHING.															
	METALLURGY UNIVERSITY OF UTAH, UTAH	1	4	4	2	3	6	4	2	4	3			18	NO	N/A
	BRIEF PROGRAM DESCRIPTION MINERAL PROCESSING-COMMINUTION, FLOTATION: HYDROMETALLURGY-LEACHING, SOLUTION PURIFICATION: PYROMETALLURGY-ROASTING, SMELTING, IRONMAKING AND STEELMAKING: PHYSICAL METALLURGY-METALLOGRAPHY, METAL FAILURE ANALYSIS: HETEROGENEOUS REACTION KINETICS: TRANSPORT PHENOMENA: COMPUTER MODELING: AUTOMATIC CONTROL AND PROCESSING OF ENERGY-RELATED MINERALS.															

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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                                 ***** EARNED DEGREES CONFERRED  *****                                    MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

1920       MATERIALS SCIENCE
       OREGON GRADUATE CENTER, OREGON
                             0    0     0    0     0    0     0    0     0    0      10         1        11        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           STUDY OF FERROUS AND REFRACTORY TRANSITION METAL ALLOYS AND THEIR PHYSICAL PROPERTIES. ELECTRONIC
           PROPERTIES ON NON-STOICHIOMETRIC OXIDES, WELDING, FRACTURE TOUGHNESS, CAST SUPERALLOY DEVELOPMENT,
           AND  GRAIN BOUNDARY CHEMISTRY. PREREQS: BACHELOR'S DEGREE IN MATERIALS SCIENCE, PHYSICS, OR
           CHEMISTRY: GENERAL AND ADVANCED GRE SCORES.


1920   TOTAL

                             5    6    11    4     9    7     6    9     9    9      34        10        62



       COUNT

                             5




1997       HYDROLOGY
       STANFORD UNIVERSITY, CALIFORNIA
                             2    1     1    0     0    0     3    0     4    0                          0        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           SURFACE HYDROLOGY AND GROUND-WATER HYDROLOGY AND THOSE PARTS OF METEOROLOGY AND OCEANOGRAPHY THAT
           ARE RELATED TO THE HYDROLOGIC CYCLE.

           GEOSCIENCE
       NM INST OF MINING & TECHN, NEW MEXICO
                             2    0     1    1     1    1     2    1     3    1      13         1        14        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           PROGRAM EMPHASIZES SUBSURFACE HYDROLOGY, WATER QUALITY, MODELING AND RAINFALL-RUNOFF MODELING.
           GRADUATES ARE PREPARED FOR CAREERS IN COLLEGE TEACHING  AND RESEARCH AND DEVELOPMENT IN INDUSTRY AND
           GOVERNMENT.


1997   TOTAL

                             4    1     2    1     1    1     5    1     7    1      13         1        14



       COUNT

                             2
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

                              *****  EARNED DEGREES CONFERRED  *****                                  MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED


1998        OPTICAL SCIENCES
       UNIVERSITY OF ARIZONA, ARIZONA
                            7    2    27    6    19   14    16    9    18    3    192         36       128       NO        N/A
         BRIEF PROGRAM DESCRIPTION
           RESEARCH IS CURRENTLY BEING CONDUCTED IN ATMOSPHERIC OPTICS, COHERENT OPTICS, HOLOGRAPHY, IMPAGE
           PROCESSING, INFRARED TECHNIQUES, INTEGRATED OPTICS, LASER PHYSICS, MEDICAL OPTICS, MODULATION
           SPECTROSCOPY, OPTICAL DESIGN, OPTICAL FABRICATION AND TESTING, OPTICAL PROPERTIES OF MATERIALS,
           QUANTUM OPTICS, REMOTE SENSING, SOLAR ENERGY, AND THIN FILM TECHNOLOGY.

          APPLIED PHYSICS
       STANFORD UNIVERSITY, CALIFORNIA
                           13    9    15   10     7   10     4   11    15   17                              78       NO        N/A
         BRIEF PROGRAM DESCRIPTION
           THE TECHNICAL APPLICATION OF PHYSICS TO NATURAL PHENOMENA, INCLUDING SOLID STATE, SUPERCONDUCTIVITY,
           PLASMAS, QUANTUM ELECTRONICS, SPACE SCIENCE, ASTROPHYSICS, AND PHYSICS OF BIOLOGICAL MACROMOLECULES.

          APPLIED PHYSICS
       COLORADO SCHOOL OF MINES, COLORADO
                            2    0     1    0     0    0     2    0     3    0      9          2        11       YES       NO
         BRIEF PROGRAM DESCRIPTION
           STUDY & RESEARCH IN PHYSICS PROBLEMS ASSOCIATED WITH THE MINERALS & ENERGY INDUSTRIES. EXAMPLE IS
           COAL DUST NUCLEATION STUDY. MSC & GRE APTITUDE.


1998   TOTAL

                           22   11    43   16    26   24    22   20    36   20    201         38       217


       COUNT

                            3



1999       HYDROLOGY
       UNIVERSITY OF ARIZONA, ARIZONA
                            7    4     3    3     6    4     4    0     8    1     32         22        54       NO        N/A
         BRIEF PROGRAM DESCRIPTION
           THE DEPARTMENT OF PLANETARY SCIENCES AND THE LUNARAND PLANETARY LABORATORY ARE ACTIVE PARTICIPANTS
           IN MANY MISSIONS OF THE NASA SPACE PROGRAM,PMENT. STUDENTS MAY CONCENTRATE IN ANY ONE OR A
           COMBINATION OF THESE FIELDS BUT SHOULD ACQUIRE SOME  PROFICIENCY IN ALL ASPECTS, INCLUDING THE
           BEHAVIORAL SCIENCES.
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HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

***** EARNED DEGREES CONFERRED *****

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74		1974-75		1975-76		1976-77		1977-78		GRADUATE ENROLLMENT 1977-78			MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
		MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	FULL-TIME	PART-TIME	TOTAL		
1999	APPLIED EARTH SCIENCES STANFORD UNIVERSITY, CALIFORNIA	11	2	12	7	9	6	10	6	10	5			52	NO	N/A
	BRIEF PROGRAM DESCRIPTION APPLIED GEOMATHEMATICS. APPLIED HYDROGEOLOGY. ENGINEERING GEOLOGY. ENVIRONMENTAL EARTH SCIENCES. EXTRACTIVE METALLURGY AND MATERIALS PROCESSING. MINERAL ECONOMICS. ORE DEPOSITS AND EXPLORATION. PETROLEUM EXPLORATION. AND REMOTE SENSING. INDIVIDUALLYTAILORED. INTERDISCIPLINARY CURRICULA ARE ENCOURAGED.															
	GEOPHYSICS & SPACE SCIENCE U OF CAL LOS ANGELES, CALIFORNIA	8	3	5	3	8	2	4	5	12	3			40	NO	N/A
	BRIEF PROGRAM DESCRIPTION THE PROGRAM IN GEOPHYSICS & SPACE PHYSICS OFFERS STUDY IN GEOPHYSICS (SEISMOLOGY.GRAVITY.THERMAL REGIME.TECTONICS).GEOPHYSICAL FLUID DYNAMICS (TURBULENCE.ROTATING SYSTEMS.STABILITY.HYDROMAGNETISM).SPACE PHYSICS (MAGNETOSPHERE.RADIATION BELTS.SOLAR WIND.MAGNETIC FIELDS.COSMIC RAYS). & PLANETARY SCIENCE (ORBITAL DYNAMICS.PLANETARY INTERIORS.SURFACES.AND ATMOSPHERES.SOLAR-SYSTEM ORIGIN).															
	APPLIED CHEMISTRY COLORADO SCHOOL OF MINES, COLORADO	4	0	1	1	2	0	3	0	1	0	17	9	26	YES	NO
	BRIEF PROGRAM DESCRIPTION STUDY & RESEARCH IN CHEMISTRY PROBLEMS ASSOCIATEDWITH THE MINERALS & ENERGY INDUSTRIES. FUELS CHEMISTRY. MSC & GRE APTITUDE.															
	OTHER PHYSICAL SCI U OF NEVADA RENO, NEVADA	3	1	1	0	4	1	0	0	0	0				NO	N/A
	CHEMICAL PHYSICS WASHINGTON ST UNIVERSITY, WASHINGTON	0	0	0	2	0	0	0	3	0	1	6	0	6	NO	N/A
	BRIEF PROGRAM DESCRIPTION WORK IS CONCENTRATED IN THERMODYNAMICS & STATISTICAL MECHANICS. BASIC & APPLIED QUANTUM THEORY & ATOMIC & MOLECULAR STRUCTURE. SUPPORTING WORK IS TAKEN IN MATHEMATICS. COMPUTER SCIENCE & OTHER AREAS OF CHEMISTRY & PHYSICS. PREREQUISITES: A BACHELOR'S DEGREE IN PHYSICS OR CHEMISTRY.															
	ASTROGEOPHYSICS UNIVERSITY OF COLORADO, COLORADO	8	5	4	4	4	4	5	7	9	6			59	NO	N/A
	BRIEF PROGRAM DESCRIPTION CURRICULAR EMPHASES OR SUBSPECIALTIES: SOLAR. SPACE. ATMOSPHERIC & PLANETARY PHYSICS: PLASMA PHYSICS: FLUID DYNAMICS: & RADIATIVE TRANSFER: ASTROPHYSICS. PRIMARY CAREERS: TEACHING & RESEARCH IN ATMOSPHERIC & SPACE PHYSICS. ASTROPHYSICS. RESEARCH & DEVELOPMENT IN PLASMA PHYSICS. FUSION & OTHER ENERGY RELATED FIELDS & ENVIRONMENTAL AREAS.															

HEGIS CATEGORY: 1900 PHYSICAL SCIENCES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
1999	OTHER PHYSICAL SCI OREGON GRADUATE CENTER, OREGON	0	0	0	0	0	0	1	0	1	0	6	0	6	NO	N/A

BRIEF PROGRAM DESCRIPTION

EXPERIMENTAL AND THEORETICAL ASPECTS OF ENVIRONMENTAL SCIENCE, IN PARTICULAR, ATMOSPHERIC CHEMISTRY, AIR POLLUTION, AQUATIC CHEMISTRY, AND WATER POLLUTION. PREREQS: BACHELOR'S DEGREE IN PHYSICAL SCIENCE, MATHEMATICS, OR ENGINEERING. CHEMISTRY BACKGROUND DESIRABLE. GENERAL AND ADVANCED GRE SCORES.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
1999	TOTAL	41	15	26	20	33	17	27	21	41	16	61	31	243		
	COUNT	8														
CATEGORY	TOTAL	884	795	849	802	868	788	927	776	923	661	4273	697	7696		
	COUNT	156														

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HEGIS CATEGORY: 2000 PSYCHOLOGY

                                    ***** EARNED DEGREES CONFERRED *****                                          MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

2001        PSYCHOLOGY
        ARIZONA STATE UNIVERSITY, ARIZONA
                             8    6    17    9    14   13    14   15    10   15     58          30         88        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            RESEARCH SPECIALIZATION IN CLINICAL, EXPERIMENTAL,  PHYSIOLOGICAL, ENVIRONMENTAL, OR SOCIAL
            PHYSIOLOGICAL, ENVIRONMENTAL, OR SOCIAL PSYCHOLOGY. STUDENTS IN CLINICAL, SOCIAL, AND ENVIRONMENTAL
            STUDIES MUST COMPLETE THE MASTER'S DEGREE. CAREER PREPARATION FOR PRIVATE PRACTICE AND FOR TEACHING
            AND RESEARCH IN EDUCATIONAL, INDUSTRIAL, MEDICAL AND GOVERNMENTAL INSTITUTIONS. PREREQS: AN
            UNDERGRADUATE MAJOR OR EQUIVALENT IN PSYCHOLOGY. ACCEPTABLE GRE SCORES.

           PSYCHOLOGY GENERAL
        UNIVERSITY OF ARIZONA, ARIZONA
                            23   10    16   25    14   17    10   17    17   15     71          23         94        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            CONCENTRATIONS ARE AVAILABLE IN ANIMAL BEHAVIOR, CLINICAL, DEVELOPMENTAL, ENVIRONMENTAL, LEARNING,
            PERSONALITY, PHYSIOLOGICAL, SENSORY AND PERCEPTION,  AND SOCIAL PSYCHOLOGY.

           PSYCHOLOGY GENERAL
        US INTERNATIONAL U, CALIFORNIA
                            25    0    34    0    61    0    29    0    33    0    130          71        201        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            TWO EMPHASES ARE AVAILABLE DEPENDING UPON THE CAREER GOALS OF THE STUDENT. 1. GENERIC PSYCHOLOGY
            (PREPARATION FOR COLLEGE TEACHERS AND COUNSELORS). 2.  FAMILY THERAPY (PREPARATION FOR MARRIAGE,
            FAMILY  AND CHILD COUNSELORS AND PASTORAL COUNSELORS).

           PSYCHOLOGY GENERAL
        CLAREMONT GRADUATE SCHOOL, CALIFORNIA
                             0    0     0    0     0    1     0    0     1    0      2          16         18        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            PREPARATION FOR SCHOLARLY CAREERS AND FOR LEADERSHIP ROLES IN PUBLIC SERVICE. STRONG SUPPLEMENTARY
            WORK IN INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY FOR POSITIONS IN BUSINESS & INDUSTRY.

           PSYCHOLOGY GENERAL
        STANFORD UNIVERSITY, CALIFORNIA
                             2   15     7   19    13   16     4   17     5   15                                80        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            RESEARCH COMPETENCE IN A VARIETY OF SUBSTANTIAL FIELDS OF PSYCHOLOGICAL STUDIES.

           PSYCHOLOGY GENERAL
        U OF CAL BERKELEY, CALIFORNIA
                            20   30    21   21     7   21    19   23     0    0    120           0        120        YES         NO
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HEGIS CATEGORY: 2000 PSYCHOLOGY

                                ***** EARNED DEGREES CONFERRED *****                                          MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

2001        PSYCHOLOGY GENERAL
        U OF CAL DAVIS, CALIFORNIA
                             7    6     2    3     5    3     2    5     8    3     30          0        30       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            PERSONALITY-SOCIAL PSYCHOLOGY, PSYCHOBIOLOGY, AND  COGNITIVE PSYCHOLOGY. GRADS ARE PREPARED FOR
            CAREERS IN PSYCHOLOGICAL RESEARCH, UNIVERSITY-LEVEL TEACHING. PSYCHIATRISTS. PREREQ.: APPROPRIATE
            EDUCATIONAL EXPERIENCE, THREE LETTERS OF RECOMMENDATION.GRE AND MAT SCORES, TRANSCRIPTS.

            PSYCHOLOGY GENERAL
        U OF CAL IRVINE, CALIFORNIA
                             0    6     0    8     0   16     0    8     0    7     22          6        28       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            COGNITIVE PSYCHOLOGY, PSYCHOLINGUISTICS. THEORETICAL LINGUISTICS. MATHEMATICAL PSYCHOLOGY.
            PERCEPTION, COGNITIVE DEVELOPMENT, PROBLEM SOLVING, LEARNING, MEMORY. ADMISSION REQUIREMENTS:
            APPROPRIATE UNDERGRADUATE PREPARATION; GRE APTITUDE TEST.

            PSYCHOLOGY GENERAL
        U OF CAL LOS ANGELES, CALIFORNIA
                            54   41    42   28    17   26    35   17    22   26                          208       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE GRADUATE PROGRAM IS DESIGNED TO PREPARE PSYCHOLOGISTS TO FUNCTION AS SCIENTIFIC
            INVESTIGATORS.COLLEGE & UNIVERSITY TEACHERS & PROFESSIONAL PSYCHOLOGISTS. AREAS:
            DEVELOPMENTAL.CLINICAL.COGNITIVE (HUMAN PERCEPTION.PERFORMANCE & ENGINEERING
            PSYCHOLOGY.MEMORY.VERBAL LEARNING.LANGUAGE & THOUGHT).LEARNING & BEHAVIOR.MEASUREMENT &
            PSYCHOMETRICS.PERSONALITY.PHYSIOLOGICAL & SOCIAL PSYCHOLOGY.

            PSYCHOLOGY
        U OF CAL RIVERSIDE, CALIFORNIA
                            12    1    10   10    12    6     3    7     6    0     50                     50       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE ORIENTATION OF THE PH.D. PROGRAM IS TOWARD THEORETICAL AND RESEARCH TRAINING. THERE ARE NO
            PROGRAMS IN APPLIED OR PSYCHOLOGICAL SERVICES. TRAINING  IS OFFERED IN FOUR AREAS CROSSCUT BY A
            FIFTH. COMPARATIVE, EXPERIMENTAL, PHYSIOLOGICAL, AND SOCIAL-PERSONALITY. THE CROSSCUTTING AREA IS
            DEVELOPMENTAL.

            PSYCHOLOGY GENERAL
        U OF CAL SAN DIEGO, CALIFORNIA
                             7   15     7   14    12    6    11   18     8   14     49          1        50       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            BROAD TRAINING IN EXPERIMENTAL PSYCHOLOGY. RESEARCH ACTIVITIES INCLUDE ALL MAJOR AREAS OF
            EXPERIMENTAL PSYCHOLOGY INCLUDING COMMUNICATIONS & INFORMATION RESEARCH & HUMAN INFORMATION
            PROCESSING INCLUDING VISION, MEMORY, ATTENTION, COGNITIVE PROCESSES.  PSYCHO-LINGUISTICS &
            INFORMATION INTEGRATION. THE  DEPARTMENT HAS AREAS INCLUDING OPERANT CONDITIONING, ANIMAL LEARNING,
            PHYSIOLOGICAL PSYCHOLOGY MOTIVATION, SOCIAL & DEVELOPMENTAL PSYCHOLOGY.
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HEGIS CATEGORY: 2000 PSYCHOLOGY

                          ***** EARNED DEGREES CONFERRED *****                                                MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

2001          PSYCHOLOGY GENERAL
       U CAL SAN FRISCO MEDL CTR. CALIFORNIA
                            0    3    1    3    0    2    0    1    0    3    25                      25        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE GRAD GROUP IN PSYCHOLOGY OFFERS 2 CURRICULA WITHIN THEIR GRAD PROGRAM. EACH LEADING TO THE PH.D.
           IN PSYCHOLOGY. THE ADVANCED TRACK OFFERS SPECIALIZATION IN PSYCHOBIOLOGY. PSYCHOPHYSIOLOGY. HUMAN
           INTERACTION. PROGRAM EVALUATION & OTHER AREAS RELATED TO THE HEALTH SCIENCES. THE HEALTH PSYCHOLOGY
           CURRICULUM IS OPEN TO STUDENTS HOLDING B.A. DEGREESWITH MAJORS IN PSYCHOLOGY. THIS PROGRAM OFFERS A
           SPECIALIZATION IN THE SOCIAL/PERSONALITY ASPECTS OFHEALTH BEHAVIOR. HEALTH CARE & HEALTH SETTINGS.

              PSYCHOLOGY GENERAL
       U OF CAL SANTA BARBARA. CALIFORNIA
                            7    1    5    2    6   12    7    8    0    0    49         2            51        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           SPECIALIZED TRAINING IS OFFERED IN SIX FIELDS: DEVELOPMENTAL. LEARNING. PERCEPTION. PHYSIOLOGICAL
           PSYCHOLOGY. PERSONALITY. AND SOCIAL PSYCHOLOGY.

              PSYCHOLOGY GENERAL
       U OF CAL SANTA CRUZ. CALIFORNIA
                            5    2    5    1    5    1    1    0    1    9    30                      30        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE PROGRAM FEATURES TWO TRACKS OF STUDY: SOCIAL PSYCHOLOGY AND PERSONALITY AND EXPERIMENTAL
           PSYCHOLOGY AND PSYCHOBIOLOGY. THE PROGRAM INCLUDES INTENSIVE COURSE WORK DURING THE FIRST YEAR AND
           SUBSEQUENT TRAINING AND RESEARCH WITH A PSYCHOLOGY BOARD FACULTY MEMBER. TEACHING IS A REQUIRED
           ASPECT OF EACH STUDENT'S PROGRAM.

              PSYCHOLOGY GENERAL
       U OF SOUTHERN CALIFORNIA. CALIFORNIA
                           13   16   16   21   12   14   19   21   14   16                           136        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           CLINICAL PSYCHOLOGY; DEVELOPMENT AND AGING; EXPERIMENTAL. QUANTITATIVE. SOCIAL PSYCHOLOGY.
           PREREQUISITES: GRE APTITUDE; UNDERGRADUATE COURSE WORK IN PSYCHOLOGY.

              PSYCHOLOGY GENERAL
       COLORADO STATE UNIVERSITY. COLORADO
                           12   10   14   13   13   12   12   11   15   12                            67        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PROGRAMS WITH EMPHASIS IN COUNSELING PSYCHOLOGY. SCHOOL PSYCHOLOGY. GENERAL EXPERIMENTAL PSYCHOLOGY&
           INDUSTRIAL-ORGANIZATIONAL PSYCHOLOGY ARE OFFERED.

              PSYCHOLOGY
       UNIVERSITY OF DENVER. COLORADO
                            8    8   15    7   11    9    9    5    8   15                           179        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PROGRAM EMPHASES: GENERAL EXPERIMENTAL (EMPHASIZING SPECIALIZATION IN COGNITIVE. SOCIAL/PERSONALITY.
           QUANTITATIVE METHODS & PHYSIOLOGICAL PSYCHOLOGY).  DEVELOPMENTAL (OFFERING BROAD TRAINING IN THEORY&
           RESEARCH IN AN ATMOSPHERE OF CLOSE INTERACTION WITH FACULTY). & CHILD CLINICAL PSYCHOLOGY (STRESSING
           THE DEVELOPMENT OF BOTH RESEARCH & CLINICAL SKILLS.) PREREQ FOR ADM.: GRE & A UG MAJOR IN
           PSYCH.GRADS ARE PREPARED FOR CAREERS IN RESEARCH. TEACHING & PROFESSIONAL PRACTICE.
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HEGIS CATEGORY: 2000 PSYCHOLOGY

                               ***** EARNED DEGREES CONFERRED *****                                                   MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

2001          PSYCHOLOGY
       U OF HAWAII AT MANOA, HAWAII
                             26   10     33    7    15   17    15   12    12   8     61         46       107      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           COMPARATIVE-PHYSIOLOGICAL, DEVELOPMENTAL, SOCIAL-PERSONALITY, CLINICAL, LEARNING THEORY, HUMAN
           BEHAVIOR AND HUMAN VARIABILITY. GRADUATES ARE PREPARED  FOR CAREERS IN UNIVERSITY TEACHING AND
           RESEARCH AND FOR PROFESSIONAL SERVICE. PREREQS: GRE (APTITUDE AND ADVANCED); MILLER*S ANALOGIES
           TEST; M.A. OR  30 CREDITS IN LIEU OF M.A.; THREE LETTERS OF RECOMMENDATION.

              PSYCHOLOGY GENERAL
       UNIVERSITY OF MONTANA, MONTANA
                             10   18      7   11     7   10     2    0     7   8     40         10        50      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           AREAS OF SPECIALIZATION ARE CLINICAL & EXPERIMENTAL PSYCHOLOGY. SPECIAL FACILITIES: A COMPREHENSIVE
           OFF-CAMPUS ANIMAL BEHAVIOR LABORATORY CONTAINING  COLONIES OF RHESUS MONKEYS, RATS, ETC., RESEARCH
           ROOMS, SHOP & SURGERY; A CLINICAL PSYCHOLOGY CENTER FOR TRAINING & RESEARCH; COMPUTATIONAL
           FACILITIES; WOODWORKING, MACHINE & ELECTRICAL SHOP; & HUMAN CONDITIONING & GENERAL RESEARCH AREAS.
           THE GRE &AN M.A. DEGREE IS REQ. EMPLOYMENT IN HIGHER ED & IN GOVT & PRIV IND.

              PSYCHOLOGY GENERAL
       U OF NEVADA RENO, NEVADA
                              2    2      6    7     1    9     0    0     0   0                                 NO          N/A


              PSYCHOLOGY GENERAL
       U OF OREGON MAIN CAMPUS, OREGON
                             11   13     13   24    18   13    14   15    16   7     58          9        67      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           EXPERIMENTAL, PHYSIOLOGICAL, CLINICAL/COMMUNITY, DEVELOPMENTAL, AND SOCIAL-PERSONALITY. ADMISSIONS
           REQUIREMENTS: ALTHOUGH NO SET COURSE REQUIREMENTS,  STRONG BACKGROUND IN SCIENCE AREA(S) AND
           PSYCHOLOGY RESEARCH EXPERIENCE HELPFUL. GRE AND GPA ARE HELPFUL. GRE AND GPA ARE HEAVILY WEIGHTED IN
           ADMISSIONS, BUT MINORITY APPLICANTS GIVEN SPECIAL CONSIDERATION.

              PSYCHOLOGY GENERAL
       BRIGHAM YOUNG U MAIN CAM, UTAH
                              5    3      2   10     0   11     4   11     5   3                          70      YES         YES
         BRIEF PROGRAM DESCRIPTION
           DOCTORATE OFFERED IN THE AREAS OF CLINICAL, EXPERIMENTAL, SOCIAL, AND INSTRUCTIONAL(JOINTLY WITH
           ED.PSYCH), PSYCHOLOGY, MINORS OFFERED IN DEVELOPMENTAL PSYCH., MOTIVATION, COGNITION, SOCIAL PSYCH.,
           PERSONALITY, LEARNING, MEASUREMENT, AND PHYSIOLOGICAL PSYCH.

              PSYCHOLOGY GENERAL
       UNIVERSITY OF UTAH, UTAH
                             10   16     14   11    16    7    13   15     5   8                          69      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           CLINICAL, SOCIAL, PHYSIOLOGICAL, ANIMAL AND HUMANEXPERIMENTAL, CHILD-DEVELOPMENTAL PSYCHOLOGY, AND
           APPLIED PSYCHOLOGY.
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***** EARNED DEGREES CONFERRED *****

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
2001	PSYCHOLOGY GENERAL UTAH STATE UNIVERSITY, UTAH	13	13	14	12	13	15	6	14	8	12			59	YES	YES

BRIEF PROGRAM DESCRIPTION

(1) ANALYSIS OF BEHAVIOR: ACADEMIC, RESEARCH PROFICIENCY AND REPORTING, ACQUISITION AND DEMONSTRATION OF BEHAVIOR THERAPEUTIC SKILLS, AND CREATING AN EFFECTIVE LEARNING ENVIRONMENT IN A TEACHING ROLE; (2) AN ACCREDITED PROGRAM DEFINED BY THE AMERICAN PSYCHOLOGICAL ASSN. AS A COMBINATION OF CLINICAL, COUNSELING AND/OR SCHOOL PSYCHOLOGY. FULL YEAR INTERNSHIP. CAREER PREP. AS PROFESSIONAL PSYCHOLOGISTS WHO WORK IN RESEARCH, ACADEMIA AND IN APPLIED SETTINGS.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	PSYCHOLOGY GENERAL UNIVERSITY OF WASHINGTON, WASHINGTON	2	17	6	22	15	21	6	19	9	21	107	24	131	NO	N/A

BRIEF PROGRAM DESCRIPTION

AREAS OF SPECIALIZATION WITHIN THE DOCTORAL PROGRAM INCLUDE: HUMAN MEMORY & PERFORMANCE, LEARNING, ANIMAL BEHAVIOR, MOTIVATION, PERCEPTION, PERSONALITY, PSYCHOLINGUISTICS, PSYCHOMETRICS, PSYCHOPHYSICS, THINKING & PROBLEM SOLVING, AS WELL AS CLINICAL, DEVELOPMENTAL, SOCIAL PHYSIOLOGICAL & MATHEMATICAL PSYCHOLOGY. THE PROGRAM IN CLINICAL PSYCHOLOGY IS DESIGNED TO PROVIDE THE STUDENT WITH TRAINING IN THE SUBSTANTIVE FIELDS & METHODOLOGIES OF PSYCHOLOGY.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	PSYCHOLOGY GENERAL WASHINGTON ST UNIVERSITY, WASHINGTON	21	14	19	18	23	13	21	12	19	9	81	10	91	NO	N/A

BRIEF PROGRAM DESCRIPTION

THE PROGRAM MAY INCLUDE CONCENTRATION IN EXPERIMENTAL PSYCHOLOGY (COGNITIVE FUNCTIONS, ANIMAL BEHAVIOR, SOCIAL PSYCHOLOGY), & CLINICAL PSYCHOLOGY (EVALUATION & COUNSELING).

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	PSYCHOLOGY GENERAL UNIVERSITY OF WYOMING, WYOMING	11	9	10	9	19	8	11	7	17	6			44	YES	YES

BRIEF PROGRAM DESCRIPTION

CLINICAL PSYCHOLOGY-EMPHASIS IS ON COMMUNITY MENTAL HEALTH. EXPERIMENTAL PSYCHOLOGY-EMPHASIS ON INDIVIDUALIZED LABORATORY AND ACADEMIC EXPERIENCES COMPATIBLE WITH STUDENT'S AREA OF INTEREST. DEPARTMENT HAS A NEUROSCIENCE SPECIALIZATION. RESEARCH ACTIVITIES IN ANIMAL BEHAVIOR, BIOFEEDBACK, HUMAN MEMORY AND MENTAL IMAGERY, LEARNING MOTIVATION, PSYCHOLINGUISTICS, PSYCHOPHARMACOLOGY. PREREQS: GRE. NOTE: ENROLLMENT CEILING HAS BEEN REACHED IN CLINICAL PSYCHOLOGY.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	PSYCHOLOGY GENERAL UNIVERSITY OF COLORADO, COLORADO	32	31	37	33	37	33	31	30	34	26			179	NO	N/A

BRIEF PROGRAM DESCRIPTION

CURRICULAR EMPHASES OR SUBSPECIALTIES: CLINICAL PSYCHOLOGY, DEVELOPMENTAL PSYCHOLOGY, BIOLOGICAL PSYCHOLOGY, EXPERIMENTAL PSYCHOLOGY, SOCIAL-PERSONALITY PSYCHOLOGY & QUANTITATIVE PSYCHOLOGY. SPECIAL RESEARCH, LABORATORY, OR FIELD REQUIREMENTS: CLINICAL PSYCHOLOGY PRACTICUM. SPECIAL ADMISSIONS REQUIREMENTS: MASTER'S DEGREE IN PSYCHOLOGY, OR EQUIVALENT. PRIMARY CAREERS: TEACHING; PRACTICE OF CLINICAL SPYCHOLOGY; APPLICATIONS OF PSYCHOLOGY IN INDUSTRIAL & GOVERNMENTAL SETTINGS.

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HEGIS CATEGORY: 2000 PSYCHOLOGY

                                 *****  EARNED DEGREES CONFERRED  *****                                        MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

2001        PSYCHOLOGY GENERAL
         CAL SCH PSYC SN FRISCO, CALIFORNIA
                              0    0    12   35    40   54     0    0     0    0                                NO          N/A


            PSYCHOLOGY
         U OF NM MAIN CAMPUS, NEW MEXICO
                              4   13     9    4     8    7    10    9    14    7                          56     YES         YES
          BRIEF PROGRAM DESCRIPTION
            GENERAL EXPERIMENTAL PSYCHOLOGY WITH SPECIALTY TRAINING AVAILABLE IN CLINICAL, LEARNING,
            DEVELOPMENTAL AND PHYSIOLOGICAL PSYCHOLOGY. STUDENTS MAY ALSO  EMPHASIZE EDUCATIONAL, SOCIAL,
            PERCEPTION AND COMPARATIVE PSYCHOLOGY. PROGRAM IN CLINICAL PSYCHOLOGY INVOLVES PRACTICUM EXPERIENCES
            AND A PREDOCTORAL  CLINICAL INTERNSHIP. CAREER: TEACHING AND RESEARCH. CLINICAL POSITIONS AT
            HOSPITALS, MENTAL HEALTHCENTERS, ETC.

            PSYCHOLOGY GENERAL
         CAL SCH PROF PSYC SN DEGO, CALIFORNIA
                              0    0    17    0    37   30    30   43    39   36     237         2        239     YES         NO
          BRIEF PROGRAM DESCRIPTION
            CSPP OFFERS A COMPREHENSIVE GRADUATE PROGRAM OF INSTRUCTION IN PROFESSIONAL PSYCHOLOGY LEADING TO
            THE M.A. AND THE PH.D. DEGREES. THE PROGRAM PROVIDES  EXTENSIVE KNOWLEDGE OF HUMAN BEHAVIOR,
            INVOLVING  THE NATURE OF INTRAPERSONAL, AND GROUP RELATIONSHIPS WITH EMPHASIS ON THE ROLE OF
            BIOCHEMICAL, PHYSIOLOGICAL, SOCIO-CULTURAL, RELIGIOUS, ECONOMIC, AND INSTITUTIONAL FACTORS.

            PROFESSIONAL PSYCHOLOGY
         CAL SCH PROF PSYC FRESNO, CALIFORNIA
                              0    0     0    0    10    3    14   22    17   22     120         0        120     YES         NO
          BRIEF PROGRAM DESCRIPTION
            BASIC PSYCHOLOGICAL THEORY, INTELLIGENCE, PERSONALITY AND PROJECTIVE TESTING, EVALUATION OF
            PSYCHOLOGICAL PROBLEMS, PSYCHOTHERAPY, PSYCHOPHARMACOLOGY,  PROGRAM DEVELOPMENT AND EVALUATION,
            COMMUNITY PSYCHOLOGY AND CONSULTATION, PROFESSIONAL ETHICS ANDISSUES, CLINICAL SUPERVISION,
            ADDITIONAL SPECIALIZATION IN RURAL COMMUNITY AND CLINICAL CHILD PSYCHOLOGY.

            PSYCHOLOGY GENERAL
         CAL INST OF ASIAN STUDIES, CALIFORNIA
                              0    0     0    0     3    3     0    0     0    0                                NO          N/A



2001     TOTAL

                            350  329   411  387   464  429   352  382   350  321    1340       250       2737
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HEGIS CATEGORY: 2000 PSYCHOLOGY

                          *****  EARNED DEGREES CONFERRED  *****                                              MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

         COUNT

                            33



2002       MEDICAL PSYCHOLOGY
         U OF OREGON HLTH SCI CTR, OREGON
                             1    0    2    1    3    5    1    0    2    2     14          2         16       NO         N/A
           BRIEF PROGRAM DESCRIPTION
             BIOPSYCHOLOGY WITH SPECIALIZATION IN NEURAL AND PSYCHOPHYSIOLOGICAL BASES OF LEARNING AND
             MOTIVATION, BEHAVIORAL CARDIOLOGY AND AUTONOMIC INTEGRATION  AND ALCOHOL AND BEHAVIOR. STUDENTS
             ACQUIRE SKILLSIN PHYSIOLOGICAL RECORDING, PROGRAMMING AND ELECTROMECHANICAL DEVICES. PREREQS: B.S.,
             GRE SCORES, UNDERGRADUATE TRAINING IN SCIENCE.

2002     TOTAL

                             1    0    2    1    3    5    1    0    2    2     14          2         16


         COUNT

                             1



2003       CLINICAL PSYCHOLOGY
         BIOLA COLLEGE, CALIFORNIA
                             0    0   21    7   17    5   20   16   21   19    128          3        131       YES         NO
           BRIEF PROGRAM DESCRIPTION
             PROFESSIONAL TRAINING FOR PROFESSIONAL PSYCHOLOGISTS, PARTICULARLY THOSE WHO CAN RELATE THEIR SKILLS
             TO THE CHRISTIAN COMMUNITY. ROSEMEAD GRADUATE SCHOOL OFFERS A DOCTOR OF PSYCHOLOGY (PSY.D.) PROGRAM
             STRESSING CLINICAL EXPERIENCE AND SUPERVISION AND  A MORE TRADITIONAL PH.D. PROGRAM STRESSING
             PREPARATION FOR RESEARCH OR ACADEMIC CAREERS IN CONJUNCTION WITH THE DEVELOPMENT OF PROFESSIONAL
             SKILLS.

           CLINICAL PSYCHOLOGY
         US INTERNATIONAL U, CALIFORNIA
                             0   42    0   52    0  110    0   82    0   90    119         43        162       NO         N/A
           BRIEF PROGRAM DESCRIPTION
             CLINICAL PSYCHOLOGY (PREPARATION OF PSYCHOLOGISTS  FOR LICENSING).
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HEGIS CATEGORY: 2000 PSYCHOLOGY

                          ***** EARNED DEGREES CONFERRED *****                                               MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/   1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION     MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

2003      CLINICAL PSYCHOLOGY
        FULLER THEOLOGICAL SEM. CALIFORNIA
                            0   13     0   12     0   10     0    8     0    9        138                        NO       N/A



          CLINICAL PSYCHOLOGY
        U OF CAL DAVIS. CALIFORNIA
                            0    0     0    0     0    0     0    0     0    0         21          0     21      YES       YES
          BRIEF PROGRAM DESCRIPTION
            TRAINING IN THEORY AND METHODS OF INTERVENTION APPROPRIATE TO: BRIEF CRISIS THERAPY; FAMILY,
            GROUP,AND THERAPEUTIC COMMUNITY INTERVENTIONS. THIS IS A  5-YEAR PROGRAM, ONE OF WHICH IS A REQUIRED
            SUPERVISED INTERNSHIP. AREAS OF SPECIALIZATION INCLUDE CHILD AND ADULT CLINICAL, AND COMMUNITY
            CLINICAL PSYCHOLOGY. CAREER OPPORTUNITIES AS PSYCHOLOGISTS, TEACHERS AT THE UNIVERSITY LEVEL.
            PSYCHIATRISTS. DISTINGUISHED UG RECORD, THREE LETTERS OF RECOMMENDATION AND GRE SCORES.

          CLINICAL PSYCHOLOGY
        THE WRIGHT INSTITUTE. CALIFORNIA
                            0    5     0   12     0   20     0   13     1   15         96                     96      NO       N/A



2003    TOTAL

                            0   61    21   83    17  145    20  119    22  133        502         46    410



        COUNT

                            5



2005      SOCIAL PSYCHOLOGY
        CLAREMONT GRADUATE SCHOOL. CALIFORNIA
                            2    5     9    3     8    1    10    1    12    6         82         28    110      NO       N/A
          BRIEF PROGRAM DESCRIPTION
            PREPARATION FOR SCHOLARLY CAREERS AND FOR LEADERSHIP ROLES IN PUBLIC SERVICE. STRONG SUPPLEMENTARY
            WORK IN INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY FOR POSITIONS IN BUSINESS & INDUSTRY.

          SOCIAL PSYCHOLOGY
        U OF NEVADA RENO. NEVADA
                            0    1     1    2     0    2     0    0     0    0                                           NO       N/A
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HEGIS CATEGORY: 2000 PSYCHOLOGY

                             ***** EARNED DEGREES CONFERRED *****                                                MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74   1974-75   1975-76   1976-77   1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

2005       PSYCHO-SOCIAL
       THE WRIGHT INSTITUTE, CALIFORNIA
                             0    0    0    0    0    0    0    0    0    0     83                   83      NO          N/A


2005     TOTAL

                             2    6   10    5    8    3   10    1   12    6    165        28        193


         COUNT

                             3


2008       INDUSTRIAL PSYCHOLOGY
       NM STATE U MAIN CAMPUS, NEW MEXICO
                             6    0    8    0   10    4    5    0    3    0                          23      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THEORETICAL AND RESEARCH PREPARATION IN ENGINEERING PSYCHOLOGY WITH SPECIALIZATION IN
           MACHINE/ENVIRONMENT SYSTEMS OR HUMAN INFORMATION PROCESSING. SPECIAL/RESEARCH/LAB/FIELD
           REQUIREMENTS-DOCTORAL DISSERTATION. ADMISSIONS REQUIREMENTS-MASTERS DEGREE OR EQUIVALENT (BACHELORS
           DEGREE AND WORK THROUGH MASTERS PROGRAM). GRAD. GPA-3.3. UGRAD. GPA-3.0. GRE  APTITUDE. QUALIFYING
           EXAM. CAREERS-ENGINEERING PSYCHOLOGISTS. HIGHER EDUCATION FACULTY.

2008     TOTAL

                             6    0    8    0   10    4    5    0    3    0      0         0         23


         COUNT

                             1


2009       DEVELOPMENTAL PSYCHOLOGY
       CLAREMONT GRADUATE SCHOOL. CALIFORNIA
                             0    1    0    0    0    0    0    0    0    0      2         1          3      NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PREPARATION FOR SCHOLARLY CAREERS AND FOR LEADERSHIP ROLES IN PUBLIC SERVICE. STRONG SUPPLEMENTARY
           WORK IN INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY FOR POSITIONS IN BUSINESS & INDUSTRY.
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HEGIS CATEGORY: 2000 PSYCHOLOGY

                             *****  EARNED DEGREES CONFERRED  *****                                               MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/      1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION        MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

2009     TOTAL

                             0    1     0    0     0    0     0    0     0    0       2          1         3


         COUNT

                             1



2010        PHYSIOLOGIC PSYCHOLOGY
         CLAREMONT GRADUATE SCHOOL, CALIFORNIA
                             2    2     1    1     1    0     0    1     0    2       5          8        13         NO          N/A
           BRIEF PROGRAM DESCRIPTION
             PREPARATION FOR SCHOLARLY CAREERS AND FOR LEADERSHIP ROLES IN PUBLIC SERVICE. STRONG SUPPLEMENTARY
             WORK IN INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY FOR POSITIONS IN BUSINESS & INDUSTRY.

            PHYSIOLOGIC PSYCHOLOGY
         UNIVERSITY OF WASHINGTON, WASHINGTON
                             0    0     0    2     0    0     0    1     0    3       8          1         9         NO          N/A
           BRIEF PROGRAM DESCRIPTION
             THIS INTERDISCIPLINARY PROGRAM HAS BEEN DESIGNED TO MEET THE GROWING NEED FOR INTENSIVE TRAINING IN
             THE OVERLAPPING AREAS OF THE BEHAVIORAL & PHYSIOLOGICAL SCIENCES. EACH STUDENT IS REQUIRED TO TAKE
             ONE YEAR'S COURSE WORK IN THE DEPARTMENT OF PSYCHOLOGY & ONE IN THE DEPARTMENT OF PHYSIOLOGY. THE
             MAJOR RESEARCH-TRAINING STRENGTHS OF THE PROGRAM ARE: SINGLE CELL RECORDING; PSYCHOLOGICAL &
             PHYSIOLOGICAL ANALYSIS OF SENSORY PROCESSES; & THE PSYCHOLOGICAL BASES OF MOTIVATION.

2010     TOTAL

                             2    2     1    3     1    0     0    2     0    5      13          9        22


         COUNT

                             2
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WICHE DOCTORAL PROGRAM INVENTORY
MAY 1979

HEGIS CATEGORY: 2000 PSYCHOLOGY

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74		1974-75		1975-76		1976-77		1977-78		GRADUATE ENROLLMENT 1977-78			MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
		MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	FULL-TIME	PART-TIME	TOTAL		
2099	OTHER PSYCHOLOGY CLAREMONT GRADUATE SCHOOL, CALIFORNIA	4	2	5	1	0	0	0	1	1	1	32	13	45	NO	N/A
	BRIEF PROGRAM DESCRIPTION PREPARATION FOR SCHOLARLY CAREERS AND FOR LEADERSHIP ROLES IN PUBLIC SERVICE. STRONG SUPPLEMENTARY WORK IN INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY FOR POSITIONS IN BUSINESS & INDUSTRY.															
	OTHER PSYCHOLOGY CAL SCH PSYC SN FRISCO, CALIFORNIA	0	28	0	0	0	0	0	0	0	0				NO	N/A
	PROFESSIONAL PSYCHOLOGY CAL SCH PROF PSYC LOS ANG, CALIFORNIA	8	31	50	29	49	44	30	54	43	45	254	27	281	NO	N/A
	BRIEF PROGRAM DESCRIPTION APPLIED CLINICAL PSYCHOLOGY.															
	OTHER PSYCHOLOGY CAL INST OF ASIAN STUDIES, CALIFORNIA	0	0	1	3	7	0	0	0	0	0				NO	N/A
2099	TOTAL	12	61	56	33	56	44	30	55	44	46	286	40	326		
	COUNT	4														
	CATEGORY TOTAL	373	460	509	512	559	630	418	559	433	513	2322	376	3730		
	COUNT	50														

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HEGIS CATEGORY: 2100 PUBLIC AFFAIRS

                                 ***** EARNED DEGREES CONFERRED *****                                             MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78   CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL    ENROLLMENT   REACHED

2102       PUBLIC ADMINISTRATION
        U OF SOUTHERN CALIFORNIA, CALIFORNIA
                           318   24   423   24   519   26   386   31   395   28                       1333        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           ADMINISTRATIVE THEORY AND BEHAVIOR, PERSONNEL, FINANCE; URBAN ADMINISTRATION; SYSTEMS MANAGEMENT.
           PREREQUISITES: GRE APTITUDE; (PHD) AB, 3 UNDERGRADUATE SOCIAL SCIENCE COURSES; (DPA) AM AND
           SUBSTANTIAL PRACTICAL ADMINISTRATIVE EXPERIENCE.

           PUBLIC ADMINISTRATION
        UNIVERSITY OF COLORADO, COLORADO
                            74    0   108    0   109    0   144    0   145    0                        605        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           CURRICULAR EMPHASES OR SUBSPECIALTIES: ORGANIZATION THEORY & DEVELOPMENT, MANAGEMENT SYSTEMS,
           FINANCIAL ADMINISTRATION, POLICY ANALYSIS, CRIMINAL JUSTICE, URBAN ADMINISTRATION & COMMUNITY
           DEVELOPMENT.  PRIMARY CAREERS: PUBLIC EXECUTIVES; SPECIALISTS IN URBAN AFFAIRS, POLICY ANALYSIS,
           ADMINISTRATIVE PLANNING & ANALYSIS, FINANCIAL MANAGEMENT.


2102    TOTAL

                           392   24   531   24   628   26   530   31   540   28       0          0     1938


        COUNT

                             2



2103       RECREATION RESOURCES
        COLORADO STATE UNIVERSITY, COLORADO
                             8    2     8    4    19    1    11    1    14    0                         32        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           STUDY & RESEARCH OPPORTUNITIES ARE PROVIDED IN PARK & RECREATION ADMINISTRATION, POLICY &
           MANAGEMENT; SITE, REGIONAL & SYSTEMS PLANNING; ENVIRONMENTAL  INTERPRETATION & CONSERVATION
           EDUCATION; & PARK &  RECREATION PROGRAM DEVELOPMENT.

           RECREATION MANAGEMENT
        U OF OREGON MAIN CAMPUS, OREGON
                            21    1    21    0    12    1    40    1    25    1      30          6       36        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           INVESTIGATION OF THEORETICAL AND PRACTICAL ASPECTS  OF GOVERNMENT AND PRIVATE LEISURE SERVICES;
           CURRICULAR PROBLEMS, LEISURE PROGRAMMING AND THERAPEUTIC RECREATION, PREPARATION OF PROFESSORS OF
           RECREATION AND PARK MANAGEMENT, LEISURE CONSULTANTS, AND  RESEARCHERS. PREREQUISITES: M.S. DEGREE,
           TWO YEARS FULL-TIME EXPERIENCE IN LEISURE FIELD, LETTERS OF RECOMMENDATION, ACCEPTABLE GRE SCORES.
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HEGIS CATEGORY: 2100 PUBLIC AFFAIRS

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
2103	HEALTH: LEISURE STUDIES UNIVERSITY OF UTAH, UTAH BRIEF PROGRAM DESCRIPTION SEE 0835 HEALTH: PHYSICAL EDUCATION.	0	0	0	0	3	3	6	7	5	3			26	NO	N/A
2103	TOTAL	29	3	29	4	34	5	57	9	44	4	30	6	94		
	COUNT	3														
2104	SOCIAL WORK U OF CAL BERKELEY, CALIFORNIA	90	8	103	6	95	8	116	10	0	0	232	0	232	YES	NO
	SOCIAL WELFARE U OF CAL LOS ANGELES, CALIFORNIA BRIEF PROGRAM DESCRIPTION THE D.S.W. (DOCTOR OF SOCIAL WELFARE) IS DESIGNED TO PREPARE STUDENTS FOR CAREERS IN POLICY DEVELOPMENT, ADMINISTRATIVE POSITIONS RELATED TO SOCIAL WELFARE, PRACTICE, RESEARCH, AND TEACHING. THE CURRICULUM IS ORGANIZED INTO THE FOLLOWING MAJOR AREAS: SOCIAL WELFARE POLICY AND PLANNING; RESEARCH; SOCIAL WORK PRACTICE THEORY; AND THE INTEGRATION OF SOCIAL AND BEHAVIORAL SCIENCE CONTENT FOR SOCIAL WORK USE.	72	1	70	2	69	2	70	3	68	5			162	YES	NO
	SOCIAL WORK U OF SOUTHERN CALIFORNIA, CALIFORNIA BRIEF PROGRAM DESCRIPTION SOCIAL WORK PRACTICE AND BEHAVIORAL SCIENCE THEORY; SOCIAL POLICY AND ADMINISTRATION; RESEARCH METHODS AND STATISTICS; CLINICAL SOCIAL WORK. PREREQUISITES: GRE APTITUDE; MSW; SUBSTANTIAL PROFESSIONALEXPERIENCE.	92	10	99	11	92	9	119	6	119	7			301	NO	N/A

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HEGIS CATEGORY: 2100 PUBLIC AFFAIRS

                                 ***** EARNED DEGREES CONFERRED *****                                              MANDATORY     CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-79  CEILING ON    LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT    REACHED

2104        SOCIAL WORK
       UNIVERSITY OF DENVER, COLORADO
                            117    9    94    6   131   13   130    3   139    8    245          78       323       NO           N/A
         BRIEF PROGRAM DESCRIPTION
           PROGRAM EMPHASES: SOCIAL WORK THEORY & METHODOLOGY. SOCIAL WELFARE POLICY & PLANNING.
           SOCIO-BEHAVIORAL & EDUCATIONAL THEORY. THE HISTORY & PHILOSOPHYOF SOCIAL WELFARE. & RESEARCH IN
           SOCIAL WELFARE &SOCIAL WORK. GRADS ARE PREPARED FOR S.W. EDUCATION  OR FOR POSITIONS IN SOCIAL
           WELFARE PLANNING. RESEARCH & ADMINISTRATION. REQ FOR ADM.: M.A. IN SOCIAL WORK FROM AN ACCREDITED
           SCHOOL. NO LESS THAN THREE YEARS OF SUCCESSFUL POST-MASTER'S EXPERIENCE.

            SOCIAL WORK
       UNIVERSITY OF UTAH, UTAH
                            107    8   101    6    56    8    95    8    99    7                                241       NO           N/A
         BRIEF PROGRAM DESCRIPTION
           DEGREES: D.S.W. SOCIAL WELFARE ADMINISTRATION. SOCIAL WORK EDUCATION. SOCIAL RESEARCH. MARRIAGE AND
           FAMILY COUNSELING. COMMUNITY ORGANIZATION. MENTAL  HEALTH. SOCIAL WORK IN HOSPITALS AND CLINICS.
           CHILD WELFARE. SOCIAL WORK IN THE SCHOOLS. CORRECTIONS. REHABILITATION. SOCIAL WORK PRACTICE.
           FORENSIC  SOCIAL WORK. SOCIAL WELFARE AND SERVICES. HUMAN BEHAVIOR IN THE SOCIAL ENVIRONMENT.
           SUPERVISION.

            SOCIAL WELFARE
       UNIVERSITY OF WASHINGTON. WASHINGTON
                            155    0   141    0   151    0   163    0   132    0                                 27       NO           N/A
         BRIEF PROGRAM DESCRIPTION
           ADMINISTERED BY THE INTERDISCIPLINARY SOCIAL WELFARE GROUP REPRESENTING THE DISCIPLINES OF LAW.
           PSYCHOLOGY. PUBLIC AFFAIRS. SOCIAL WORK. AND SOCIOLOGY. THE DOCTORAL PROGRAM PREPARES STUDENTS FOR
           RESEARCH. TEACHING. POLICY ANALYSES AND PROGRAM DEVELOPMENT. EACH STUDENT'S PROGRAM IS INDIVIDUALLY
           DESIGNED WITH AN EMPHASIS ON INTERDISCIPLINARY STUDY. APPLICANTS SHOULD HAVE A MASTER'S DEGREE IN
           SOCIAL  WORK OR COMPARABLE PREPARATION IN A CLOSELY RELATED FIELD. PROGRAM WAS STARTED IN 1975.

2104   TOTAL

                            633   36   608   31   594   40   693   30   557   27    477          78      1286


       COUNT

                              6
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HEGIS CATEGORY: 2100 PUBLIC AFFAIRS

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
2199	WATER RESOURCES ADMINISTRATION UNIVERSITY OF ARIZONA, ARIZONA	3	3	4	2	0	2	3	7	3	0	8	15	23	NO	N/A

BRIEF PROGRAM DESCRIPTION

THE PROGRAM IS DESIGNED FOR STUDENTS WITH SPECIAL INTEREST IN THE BEHAVIORAL SCIENCES AS THEY RELATE TO WATER RESOURCES DEVELOPMENT AND MANAGEMENT. STUDENTS SHOULD ALSO ACQUIRE A BASIC KNOWLEDGE OF HYDROLOGY.

HEGIS CODE		1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	FULL-TIME	PART-TIME	TOTAL
2199	TOTAL	3	3	4	2	0	2	3	7	3	0	8	15	23
	COUNT	1												
CATEGORY TOTAL		1057	66	1172	61	1256	73	1293	77	1144	59	515	99	3341
	COUNT	12												

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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

                                   ***** EARNED DEGREES CONFERRED *****
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  MANDATORY   CEILING
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  CEILING ON  LEVEL
                                                                                                             ENROLLMENT  REACHED
2201         HISTORY & POLITICAL SCIENCE
       NORTHERN ARIZ UNIVERSITY, ARIZONA
                            21    0    10    0    10    0    6    0    5    0    18          9         27      NO         N/A
         BRIEF PROGRAM DESCRIPTION
           MASTERS DEGREE IN HISTORY OR POLITICAL SCIENCE EMPHASIZING VARIOUS STUDIES. DOCTORAL DEGREE
           COMBINESHISTORY AND POLITICAL SCIENCE TO TRAIN FOR COLLEGEINSTRUCTION. ADEQUATE GRE, DEPARTMENTAL
           SELECTION  COMMITTEE.

             SOCIAL SCIENCE
       CAL INST OF TECHNOLOGY, CALIFORNIA
                             1    0     1    0     1    0    3    0    3    3    20          0         20      NO         N/A
         BRIEF PROGRAM DESCRIPTION
           THE FOCUS OF THE PROGRAM IS ON SOCIAL CHANGE, ANDIT IS HIGHLY ANALYTICAL. THE PROGRAM IS DESIGNED TO
           PREPARE STUDENTS TO ASSUME SENIOR STAFF POSITIONS IN POLICYMAKING ORGANIZATIONS WHERE THEY WILL BE
           ABLE TO CONCEIVE AND EXECUTE COMPLICATED RESEARCH  PROJECTS AND TO UTILIZE THE PRODUCTS OF THEIR
           RESEARCH TO PROVIDE THE BASIS FOR ACTUAL POLICY DECISIONS.

             SOCIAL SCIENCES
       U OF CAL IRVINE, CALIFORNIA
                             2    6     4   10     7    7    7    6   12    7    65          9         74      NO         N/A
         BRIEF PROGRAM DESCRIPTION
           INTERDISCIPLINARY STUDY INTEGRATING THE DISCIPLINES OF ANTHROPOLOGY, ECONOMICS, GEOGRAPHY,
           LINGUISTICS, POLITICAL SCIENCE, PSYCHOLOGY, AND SOCIOLOGY.EMPHASIS UPON SYSTEMATIC EMPIRICAL
           OBSERVATION AND  QUANTITATIVE ANALYSIS IN THE STUDY OF HUMAN BEHAVIOR. ADMISSION REQUIREMENTS:
           APPROPRIATE UNDERGRADUATE PREPARATION: GRE APTITUDE TEST: RESEARCH EXPERIENCE DESIRABLE.

2201     TOTAL

                            24    6    15   10    18    7   16    6   20   10   103         18        121


         COUNT

                             3



2202         ANTHROPOLOGY
       ARIZONA STATE UNIVERSITY, ARIZONA
                             6    3     6    3    12    4   19    2   22    4    38         25         63      NO         N/A
         BRIEF PROGRAM DESCRIPTION
           STUDIES IN ARCHAEOLOGY, PHYSICAL (BIOLOGICAL) ANTHROPOLOGY, SOCIAL-CULTURAL ANTHROPOLOGY. RESEARCH
           SPECIALTIES IN THESE SUBFIELDS INCLUDE REMOTE SENSING, QUANTITATIVE METHODS; DENTAL, SKELETAL, AND
           PRIMATE BEHAVIORAL STUDIES; KINSHIP, INDIAL RELIGION  AND RITUAL ORATORY. GRADS ARE PREPARED FOR
           TEACHING AND RESEARCH POSITIONS IN EDUCATIONAL AND GOVERNMENTAL INSTITUTIONS. PREREQS: FAMILIARITY
           WITH THE MAJOR CORE PROGRAM OF AN UNDERGRADUATE MAJOR IN  ANCHROPOLOGY. ACCEPTABLE GRE SCORES.
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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

                        ***** EARNED DEGREES CONFERRED *****                                                MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

2202       ANTHROPOLOGY
        UNIVERSITY OF ARIZONA, ARIZONA
                           37   16    43   10    28    5    43   16    21   12     72          76       148       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            CONCENTRATIONS ARE AVAILABLE IN ARCHEOLOGY, CULTURAL ANTHROPOLOGY, LINGUISTICS, OR PHYSICAL
            ANTHROPOLOGY.

           ANTHROPOLOGY
        STANFORD UNIVERSITY, CALIFORNIA
                           22    4    20    8    18    6    14    5    13    7                              62       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            AREA STUDIES, SOCIAL AND CULTURAL ANTHROPOLOGY, ARCHAEOLOGY AND BIOLOGICAL ANTHROPOLOGY, HISTORY
            OFANTHROPOLOGICAL THEORY, AND RESEARCH METHODS.

           ANTHROPOLOGY
        U OF CAL BERKELEY, CALIFORNIA
                           27   21    32   16    34   22    17   23     0    0    113           0       113       YES         NO



           ANTHROPOLOGY
        U OF CAL DAVIS, CALIFORNIA
                           10    5    11    0     7    9     8    7    10    9     42           1        43       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            ARCHAEOLOGY, LINGUISTICS, PHYSICAL AND SOCIAL ANTHROPOLOGY. CAREERS ARE AVAILABLE IN COLLEGE AND
            UNIVERSITY LEVEL TEACHING AND RESEARCH, PRIVATE INDUSTRY. PREREQ.: ONE YEAR OF FOREIGN LANGUAGE,
            THREE  LETTERS OF RECOMMENDATION, GRE SCORES, TRANSCRIPTS.

           ANTHROPOLOGY
        U OF CAL LOS ANGELES, CALIFORNIA
                           21   11    23   13    15   14    17   15    29    9                             137       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE DEPARTMENT OF ANTHROPOLOGY OFFERS PROGRAMS LEADING PRIMARILY TO THE PH.D. DEGREE IN
            ANTHROPOLOGY, DESIGNED FOR THOSE WHO WISH TO BECOME PROFESSIONAL SCHOLARS IN SOCIAL SCIENCE RESEARCH
            OR TEACHERS  IN COLLEGES AND UNIVERSITIES. AREAS OF STUDY AND  RESEARCH ARE AS FOLLOWS: ETHNOLOGY,
            ARCHAEOLOGY,  PHYSICAL ANTHROPOLOGY, ANTHROPOLOGICAL LINGUISTICS.

           ANTHROPOLOGY
        U OF CAL RIVERSIDE, CALIFORNIA
                            2    2     4    2     6    6     2    2     4    2     40                      40       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            STUDENTS ARE EXPECTED TO ACQUIRE A BASIC UNDERSTANDING OF THREE OF THE FOUR SUBDISCIPLINES: CULTURAL
            ANTHROPOLOGY, BIOLOGICAL ANTHROPOLOGY, ARCHAEOLOGY, AND LINGUISTICS. ONE OF THESE THREE
            SUBDISCIPLINES WILL BECOME THE BASIS OF SPECIALIZATION UNDER  THE COMPREHENSIVE REQUIREMENT.
            DEPARTMENTAL STRENGTHS, LIE PRIMARILY IN CULTURAL ANTHROPOLOGY AND SECONDARILY IN ARCHAEOLOGY
            INCLUDING ARCHAEOMETRY.
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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

                                ***** EARNED DEGREES CONFERRED *****                                              MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

2202          ANTHROPOLOGY
        U OF CAL SAN DIEGO, CALIFORNIA
                             1    0     4    0     1    3     2    4     0    8      30                  30        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE DEPARTMENT CONCENTRATES ON SOCIAL AND CULTURAL  ANTHROPOLOGY WITH AN EMPHASIS ON THE ROLE OF
            PERSONALITY AND SOCIAL STRUCTURE IN SHAPING HUMAN BEHAVIOR AND MENTAL PROCESSES. THE GRADUATE RECORD
            EXAMINATION IS REQUIRED.

              ANTHROPOLOGY
        U OF CAL SANTA BARBARA, CALIFORNIA
                             2    1     7    7     9    5     8    3     0    0      26         1        27        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE DEPARTMENT EMPHASIZES COURSE WORK AND RESEARCH  IN PREPARATION FOR FIELD WORK. WRITING AN
            ACCEPTABLE RESEARCH PROPOSAL IS INCORPORATED INTO THE INDIVIDUAL'S SPECIALIZED PROGRAM. FOR CULTURAL
            ANTHROPOLOGISTS, A PAPER ON THEORY AND ANOTHER ON ETHNOGRAPHY WILL ALSO BE INCORPORATED.

              ANTHROPOLOGY
        U OF HAWAII AT MANOA, HAWAII
                            14    5    12    4     7    5    14    5     9    8      25        32        57        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            RESEARCH IN THE PACIFIC AND ASIA WITH EMPHASES IN  SOCIAL-CULTURAL ANTHROPOLOGY, ARCHAEOLOGY,
            PSYCHOLOGICAL ANTHROPOLOGY, AND MEDICAL ANTHROPOLOGY. CAREER PREPARATION FOR A PROFESSIONAL ROLE IN
            TEACHING AND RESEARCH IN ACADEMIC SETTINGS AS WELL AS FOR WORK IN STATE, NATIONAL, AND INTERNATIONAL
            AGENCIES. PREREQS: GRE (APTITUDE); M.A. IN ANTHROPOLOGY; THREE LETTERS OF RECOMMENDATION.

              ANTHROPOLOGY
        U OF OREGON MAIN CAMPUS, OREGON
                             9    9    16   15     6    9     6    7    10    6      38        17        55        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            STUDY OF ONE OR MORE SUBFIELDS (ARCHAEOLOGY, CULTURAL ANTHROPOLOGY, ANTHROPOLOGICAL LINGUISTICS, AND
            PHYSICAL ANTHROPOLOGY). DISSERTATION ORDINARILY BASED ON FIELDWORK OR LABORATORY STUDY. CAREER
            PREPARATION FOR PROFESSORSHIPS, MUSEUM POSITIONS, AND  APPLIED POSITIONS WITH GOVERNMENT AND
            INDUSTRY. PREPREQUISITES: M.A. DEGREE, INCLUDING COMPETENCE IN THE FOUR SUBFIELDS, 3.0 GRADUATE GPA.

              ANTHROPOLOGY
        UNIVERSITY OF UTAH, UTAH
                             5    1     2    2     6    5     6    2     4    1                           41        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            GRADUATE COURSES IN THE TRADITIONAL FOUR SUBFIELDS  OF ANTHROPOLOGY (I.E., ARCHAEOLOGY, ETHNOLOGY,
            LINGUISTICS, & PHYSICAL ANTHROPOLOGY). THE AREAS OF  FOCUS IN ARCHAEOLOGY INCLUDE THE U.S. GREAT
            BASIN, AND MIDDLE EAST CIVILIZATIONS. IN LINGUISTICS, THERE IS A FOCUS ON UTO-AZTECAN (U.S. GREAT
            BASIN).  OPPORTUNITIES FOR CONCENTRATION ALSO EXIST IN MIDDLE EAST CULTURAL DEVELOPMENT, AMERICAN
            INDIAN STUDIES, PSYCHOLOGICAL AND COGNITIVE ANTHROPOLOGY, AND MEDICAL/HEALTH ANTHROPOLOGY.
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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
2202	ANTHROPOLOGY UNIVERSITY OF WASHINGTON, WASHINGTON	8	16	4	12	13	6	6	9	20	6	99	32	131	NO	N/A

BRIEF PROGRAM DESCRIPTION

THE DEPARTMENT RECOGNIZES 3 PRINCIPAL SUBFIELDS OF ANTHROPOLOGY WITH WHICH ITS FACULTY,PROGRAMS & CURRICULUM ARE IDENTIFIED: ARCHAEOLOGY,PHYSICAL ANTHROPOLOGY & SOCIOCULTURAL ANTHROPOLOGY. THE STUDENT ELECTS THE SUBFIELD OF SPECIALIZATION & THE PARTICULAR PROBLEMS OR AREAS WITHIN IT THAT HE OR SHE WISHES TO EMPHASIZE. THE MAJOR AREAS EMPHASIZED ARE AS FOLLOWS: NO. AMERICA,AFRICA,CHINA,OCEANA,SO. ASIA & SE ASIA. COMPETENCE IN A FIELD LANGUAGE IS REQUIRED FOR THE PH.D.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	ANTHROPOLOGY WASHINGTON ST UNIVERSITY, WASHINGTON	3	5	27	8	19	12	13	4	10	8	67	16	83	NO	N/A

BRIEF PROGRAM DESCRIPTION

THE CURRICULUM INVOLVES COURSES IN THE FIELDS OF ARCHAEOLOGY, CULTURAL & SOCIAL ANTHROPOLOGY, LINGUISTICS & LINGUISTIC ANTHROPOLOGY & PHYSICAL ANTHROPOLOGY. IN ADDITION TO TRAINING IN THE CORE AREAS OF ANTHROPOLOGY, SPECIAL INSTRUCTION IS OFFERED IN ARCHAEOLOGICAL FIELD METHODS, PALEOCLIMATOLOGY, HUMAN ECOLOGY, AMERICAN INDIAN ACCULTURATION PROBLEMS & COMPUTER LINGUISTICS.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	ANTHROPOLOGY UNIVERSITY OF COLORADO, COLORADO	7	13	20	10	32	12	21	17	14	0			106	NO	N/A

BRIEF PROGRAM DESCRIPTION

CURRICULAR EMPHASES OR SUBSPECIALTIES: BIOLOGICAL ANTHRO. (PALEONTOLOGY, GENETICS, EVOLUTIONARY THEORY); CULTURAL ANTHRO. (CULTURE CHANGE, APPLIED, ETHNOGRAPHIC AREA SPECIALTIES, HISTORY OF ANTHROPOLOGY); ARCHAEOLOGY (NEW WORLD, METHOD & THEORY); ANTHROPOLOGICAL LINGUISTICS. PRIMARY CAREERS: TEACHING, RESEARCH, CONSULTING.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	ANTHROPOLOGY U OF NM MAIN CAMPUS, NEW MEXICO	13	3	4	3	8	5	19	4	14	6			94	NO	N/A

BRIEF PROGRAM DESCRIPTION

FOUR AREAS OF ANTHROPOLOGY: CULTURAL, ARCHEOLOGY,BIOLOGICAL, OR LINGUISTICS. FIELD WORK USUALLY REQUIRED FOR DISSERTATION. STUDENTS MUST PRESENT COLLOQUIUM BEFORE GOING TO THE FIELD. SPECIAL ADMISSION REQUIREMENTS: M.A. DEGREE AND GRE SCORES. CAREER: COLLEGE AND UNIVERSITY TEACHING, RESEARCH, RESOURCE MANAGERS, WORKERS IN COMMUNITY ACTION PROGRAMS.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
2202	TOTAL	187	115	235	113	221	128	214	125	180	84	590	200	1230		
	COUNT	16														

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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

                                 *****  EARNED DEGREES CONFERRED  *****                                        MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED


2203         ARCHEOLOGY
       U OF CAL BERKELEY, CALIFORNIA
                             3    1     2    0     5    1     5    2     0    0     17          0         17       NO          N/A


             ARCHAEOLOGY (INTERDEPARTMENTAL)
       U OF CAL LOS ANGELES, CALIFORNIA
                             2    0     6    0     5    1     5    1     4    3                           29       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE INTENT OF THE PROGRAM IS TO PRODUCE TRULY INTERDISCIPLINARY SCHOLARS. STUDENTS WHOSE COURSES OF
           STUDY WILL BE LARGELY WITHIN A SINGLE DEPARTMENT  (IN SUCH FIELDS AS ANCIENT HISTORY,
           ANTHROPOLOGY,ART HISTORY, CLASSICS, INDO-EUROPEAN STUDIES, NEAREASTERN LANGUAGES & CULTURES &
           ORIENTAL LANGUAGES)SHOULD REFER TO THE SEPARATE DEGREE PROGRAM OFFERED BY THE APPROPRIATE
           DEPARTMENT.

2203       TOTAL

                             5    1     8    0    10    2    10    3     4    3     17          0         46


           COUNT

                             2



2204         ECONOMICS
       ARIZONA STATE UNIVERSITY, ARIZONA
                            10    0    17    0     3    0    12    0     7    1      1          4          5       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           INDUSTRIAL ORG AND PUB POLICY, MANPOWER THEORY AND  POLICY, ECON GROWTH AND DEV, INT ECON, ECON
           HIST,  PUB FIN, HEALTH ECON, MONETARY THEORY AND POLICY,  STABILIZATION POLICY, REGIONAL AND URBAN
           ECONOMICS, PREP FOR RESEARCH POSITIONS IN PUBLIC AGENCIES  AND PRIVATE BUSINESS, AND FOR TEACHING
           AND RESEARCH POSITIONS IN EDUCATIONAL INSTITUTIONS, PREREQS:UNDERGRADUATE PREPARATION IN ECONOMICS,
           MATHEMATICS THROUGH ANALYTIC GEOMETRY AND CALCULUS, ACCEPTABLE GRE SCORES.

             ECONOMICS
       UNIVERSITY OF ARIZONA, ARIZONA
                             4    5     2    3     7    2     4    3     6    0     29          4         33       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           ALL STUDENTS MUST COMPLETE A CORE PROGRAM TO ASSIST IN PREPARATION FOR THE PRELIMINARY EXAMINATION
           AND TO PROVIDE THE ANALYTICAL TOOLS REQUIRED FOR MORE ADVANCED COURSES, UNDERSTANDING OF ECONOMIC
           LITERATURE, AND THE CONDUCT OF ECONOMIC RESEARCH. IN  ADDITION TO THE PRINCIPLE FIELD, ALL STUDENTS
           MUST PREPARE THEMSELVES IN EITHER OF TWO ADDITIONAL AREAS WITHIN THE DISCIPLINE OF ECONOMICS, OR ONE
           AREA IF THE STUDENT HAS ELECTED AN OUTSIDE MINOR, ASAPPROVED BY THE DEPARTMENT.
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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

                                   ***** EARNED DEGREES CONFERRED  *****                                              MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

2204        ECONOMICS
       CLAREMONT GRADUATE SCHOOL, CALIFORNIA
                              3   13     4    8     4    5     7    8     2    4     19          28        47        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           STRONG EMPHASIS ON MACRO AND MICRO THEORY, WITH SUPPORTING ATTENTION TO QUANTITATIVE METHODS.

            ECONOMICS
       STANFORD UNIVERSITY, CALIFORNIA
                             27   14    38   21    25   12    22   19    40   10                          101        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           ALTERNATIVE APPROACHES TO ECONOMIC ANALYSIS, ECONOMETRICS, ECONOMIC DEVELOPMENT, ECONOMIC HISTORY,
           INTERNATIONAL ECONOMICS, LABOR ECONOMICS, MATHEMATICAL ECONOMICS, MONETARY THEORY, PUBLIC FINANCE,
           STRUCTURE OF INDUSTRY, THEORY OF CHOICE, AND URBAN ECONOMICS.

            ECONOMICS
       U OF CAL BERKELEY, CALIFORNIA
                             14   25    17   28    29   23    28   23     0    0    130           0       130       YES         NO



            ECONOMICS
       U OF CAL DAVIS, CALIFORNIA
                              9    3    10    1    16    7     4    4     8    3     66           0        66        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           ECONOMIC THEORY, MONETARY ECONOMICS, PUBLIC FINANCE AND TAXATION, LABOR AND INTERNATIONAL ECONOMICS,
           QUANTITATIVE METHODS, INDUSTRIAL ORGANIZATION, COMPARATIVE ECONOMIC SYSTEMS, CAREERS FOR GRADS
           INCLUDE TEACHING AND RESEARCH IN COLLEGES AND UNIVERSITIES, RESEARCH AND ADVISING IN PRIVATE
           INDUSTRY AND GOVERNMENT AGENCIES, PREREQ.: 3.0 GPA, TWO LETTERS OF RECOMMENDATION, GRE SCORES.

            ECONOMICS
       U OF CAL LOS ANGELES, CALIFORNIA
                             19   19    25   10    34   15    21   15    24   19                          138        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           THE GRADUATE PROGRAM IN ECONOMICS IS DESIGNED TO PREPARE STUDENTS FOR PROFESSIONAL CAREERS IN
           TEACHING & RESEARCH. GRADUATE FIELDS IN ECONOMICS PROVIDE TRAINING IN THE FOLLOWING AREAS: ECONOMIC
           THEORY  & THE HISTORY OF THEORY,MATHEMATICAL ECONOMICS,STATISTICS & ECONOMETRICS,INDUSTRIAL
           ORGANIZATION INCLUDING TRANSPORTATION & PUBLIC UTILITIES,URBAN &REGIONAL ECONOMICS,LABOR
           ECONOMICS,ECONOMIC DEVELOPMENT,INTERNATIONAL ECONOMICS,PUBLIC FINANCE,THE HISTORY OF ECONOMICS
           INSTITUTIONS & MONETARY ECON.

            ECONOMICS
       U OF CAL RIVERSIDE, CALIFORNIA
                              3    5     4    4     5    4     5    1     4    2     42                     42        NO         N/A
         BRIEF PROGRAM DESCRIPTION
           THE DEPARTMENT REGULARLY OFFERS ENOUGH GRADUATE WORK IN ADVANCED ECONOMIC THEORY, MATHEMATICAL
           ECONOMICS, AND QUANTATIVE ECONOMICS FOR STUDENTS WHO WISH TO PURSUE AN EMPHASIS ON EITHER
           THEORETICAL OR  APPLIED ECONOMICS. THE DEPARTMENT OFFERS ADVANCEDWORK IN RESOURCE ECONOMICS,
           MONETARY ECONOMICS, HISTORICAL AND COMPARATIVE ECONOMICS, AND RADICAL-INSTITUTIONAL ECONOMICS. A
           JOINT FIELD OF ECONOMICS  AND ADMINISTRATION IS ALSO AVAILABLE.
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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
2204	ECONOMICS U OF CAL SAN DIEGO, CALIFORNIA	0	3	0	4	4	6	4	2	9	2	60		60	NO	N/A

BRIEF PROGRAM DESCRIPTION

THE SPECIALIZATION OF ECONOMICS INCLUDE MICROECONOMICS, MACROECONOMICS, ECONOMETRICS, AND RELATED FIELDS. THERE IS A STRONG ORIENTATION TO QUANTITATIVE ANALYSIS AND MATHEMATICAL METHODS. ADMISSION REQUIRES BASIC CALCULUS, GRADUATE RECORD EXAMINATION SCORES AND SOME UNDERGRADUATE PREPARATION IN ECONOMICS.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	ECONOMICS U OF CAL SANTA BARBARA, CALIFORNIA	25	3	17	11	28	1	31	10	0	0	86	11	97	NO	N/A

BRIEF PROGRAM DESCRIPTION

THERE ARE NO SPECIFIC COURSES REQUIREMENTS FOR THE PH.D. FOUR FIELDS ARE REQUIRED, TWO OF WHICH ARESPECIFIED: 1. ECONOMIC THEORY, 2. QUANTITATIVE ECONOMICS. TWO ADDITIONAL FIELDS WILL BE SELECTED WITH DEPARTMENTAL APPROVAL.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	ECONOMICS U OF SOUTHERN CALIFORNIA, CALIFORNIA	19	5	17	4	38	10	26	6	33	5			112	NO	N/A

BRIEF PROGRAM DESCRIPTION

ECONOMIC THEORY AND QUANTITATIVE METHODS; URBAN, REGIONAL, ENVIRONMENTAL, HUMAN RESOURCES, PUBLIC SECTOR ECONOMICS; INTERNATIONAL, DEVELOPMENTAL, COMPARATIVE ECONOMICS. PREREQUISITES: GRE APTITUDE ANDADVANCED ECONOMICS; AB IN ECONOMICS OR MATHEMATICS OR ENGINEERING OR POLITICAL SCIENCE.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	ECONOMICS COLORADO STATE UNIVERSITY, COLORADO	11	7	15	9	7	4	11	9	10	6			42	NO	N/A

BRIEF PROGRAM DESCRIPTION

FOUR PRIMARY FIELDS OF SPECIALIZATION ARE PRESENTLY EMPHASIZED: ECONOMIC THEORY & POLITICAL ECONOMICS, INTERNATIONAL & DEVELOPMENT ECONOMICS, NATURAL RESOURCE ECONOMICS--URBAN & REGIONAL ECONOMICS & AGRICULTURAL ECONOMICS.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	ECONOMICS U OF HAWAII AT MANOA, HAWAII	11	2	10	6	5	8	4	11	7	4	26	43	69	NO	N/A

BRIEF PROGRAM DESCRIPTION

A REGIONAL EMPHASIS ON ASIA & THE PACIFIC IN ECON. THEORY; DEVELOPMENTAL ECON.; MONETARY ECON.; ECON. DEMOGRAPHY; HUM. RES. ECON., ECONOMETRICS; INT'L. ECON.; PUB. FIN.; URBAN & REG. ECON.; MARINE RES. ECON. GRADS ARE PREPARED FOR TCHG. RESEARCH AND GOVT. PREREQS: GRE (APT & ADV); COURSES IN MICRO- & MACRO-ECON. THEORY, MONEY & BANK., STAT., MATH THRU CALC.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	ECONOMICS U OF OREGON MAIN CAMPUS, OREGON	13	11	15	10	9	8	6	8	6	2	43	14	57	NO	N/A

BRIEF PROGRAM DESCRIPTION

MICRO AND MACRO-ECONOMIC THEORY, ECONOMETRICS, AND TWO APPLIED FIELDS IN SUCH AREAS AS INTERNATIONAL FINANCE, URBAN AND REGIONAL ECONOMICS, NATURAL RESOURCE ECONOMICS, PUBLIC FINANCE, ETC. GRADUATES GO INTO COLLEGE TEACHING, AND GOVERNMENT AND PRIVATE RESEARCH. PREREQUISITES: ACCEPTABLE GRE SCORES AND UNDERGRADUATE GRADES; COURSES IN UNDERGRADUATE ECONOMICS AND MATHEMATICS.

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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

                               ***** EARNED DEGREES CONFERRED *****                                              MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

2204       ECONOMICS
        UNIVERSITY OF UTAH, UTAH
                            10    5     6    7    10    4     3    9     3    2                           43       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            INTERNATIONAL ECONOMICS: REGIONAL, URBAN, AND RESOURCES ECONOMICS, INDUSTRIAL ORGANIZATION AND
            PUBLIC POLICY, LABOR AND MANPOWER, PUBLIC FINANCE AND TAXATION, ECONOMIC HISTORY, AND MATHEMATICAL
            ECONOMICS AND STATISTICS.

           ECONOMICS
        UTAH STATE UNIVERSITY, UTAH
                            14    0    12    3    20    3    22    1    17    1                           57       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            CONCENTRATION AND THESIS RESEARCH IN ECON THEORY,AGRICULTURAL MARKETING, PRODUCTION ECON,
            AGRICULTURAL POLICY, RESOURCE ECON, QUANTITATIVE ECON, ECON  HISTORY AND THOUGHT, ECON DEVELOPMENT,
            MANPOWER AND INDUSTRIAL RELATIONS, INTERNATIONAL ECON, PUBLIC FINANCE, MONEY AND BANKING,
            MATHEMATICAL ECON AND PROGRAMMING, REGIONAL ECON, INDUSTRIAL ORG, ANDREGULATION AND ANTITRUST,
            CAREER PREP FOR RESEARCH, BUSINESS AND AGRICULTURE, PREREQS: MATH COURSES,  BASIC COURSES IN
            ECONOMICS, ACCEPTABLE GRE SCORES

           ECONOMICS
        UNIVERSITY OF WASHINGTON, WASHINGTON
                            25    4    21    4    24    6    24    3    12    8    100        29        129       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE ACADEMIC PROGRAMS IN ECONOMICS ARE PLANNED TO  DEVELOP TRAINED ECONOMISTS FOR A VARIETY OF
            STIMULATING CAREERS IN TEACHING, IN PRIVATE INDUSTRY, IN GOVERNMENT AND WITH INTERNATIONAL AGENCIES
            AT HOME AND ABROAD. IT PLACES EMPHASIS ON APPLYING ECONOMIC THEORY TO ALL OF THE IMMEDIATE HISTORIC
            ECONOMIC PROBLEMS.

           ECONOMICS
        WASHINGTON ST UNIVERSITY, WASHINGTON
                             3    6     8    5     3    5     5    5     5    4     45         9         54       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            ECONOMIC THEORY, THE HISTORY OF ECONOMIC THOUGHT AND APPLIED FIELDS. ALL CANDIDATES MUST ALSO
            DEMONSTRATE COMPETENCE OR COMPLETE APPROVED COURSE WORK  SUBSTITUTES IN MATHEMATICS STATISTICS &
            ECONOMIC  HISTORY. THE RESEARCH TOOL REQUIREMENT CAN BE MET  BY TAKING ADDITIONAL COURSE WORK IN
            MATHEMATICS OR COMPUTER SCIENCE OR BY DEMONSTRATING SATISFACTORY READING ABILITY IN ONE MODERN
            FOREIGN LANGUAGE.

           ECONOMICS
        UNIVERSITY OF COLORADO, COLORADO
                            29   12    30   14    19   16    19   14    28    6                           91       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            CURRICULAR EMPHASES OR SUBSPECIALTIES: AGRICULTURAL ECONOMICS, COMPARATIVE SYSTEMS, DEVELOPMENT,
            ECONOMIC EDUCATION, ECONOMIC HISTORY, INDUSTRIAL ORGANIZATION, INTERNATIONAL ECONOMICS, LABOR &
            HUMAN RESOURCES, MATHEMATICAL ECONOMICS,MONETARY ECONOMICS, RESOURCE & ENVIRONMENTAL ECONOMICS,
            PUBLIC FINANCE, ECONOMETRICS, URBAN/REGIONAL ECONOMICS, SOCIAL ECONOMICS, HISTORY OF THOUGHT,
            THEORY, PRIMARY CAREERS: TEACHING & RESEARCH.
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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
2204	ECONOMICS U OF NM MAIN CAMPUS, NEW MEXICO	6	1	3	2	3	3	6	4	5	2			34	NO	N/A
	BRIEF PROGRAM DESCRIPTION LABOR ECON,PUB FIN,NATURAL RES ECON. PROG OBJECTIVE: TO DEVELOP BROAD EXPERIENCE IN APPLIED RESEARCH TOGETHER WITH A SUPERIOR COLLECTION OF CONCEPTUAL & QUANTITATIVE TOOLS WITH WHICH TO WORK. STUDENTS ADMITTED WITH GPA OF AT LEAST B & MUST DEMONSTRATE COMPETENCY IN ECON THEORY & CHOICES OF APPLIED AREAS. STUDENTS MUST ALSO DEMONSTRATE KNOWLEDGE OFMATHEMATICS IN CALCULUS,LINEAR ALGEBRA & MATHEMATICAL STATISTICS. CAREER: COLLEGE & UNIV TEACHING, APPLIED RESEARCH.															
2204	TOTAL	255	143	271	154	293	142	264	155	226	81	647	142	1407		
	COUNT	20														
2205	HISTORY ARIZONA STATE UNIVERSITY, ARIZONA	17	1	5	1	8	3	9	0	8	1	5	11	16	NO	N/A
	BRIEF PROGRAM DESCRIPTION STUDIES IN UNITED STATES HISTORY, EUROPE SINCE 1300, LATIN AMERICA, ENGLAND AND THE EMPIRE, EAST ASIA. ONE OR TWO MINOR FIELDS OF STUDY ARE SELECTED IN ADDITION TO THE MAJOR AREA OF SPECIALIZATION. COURSE WORK IN HISTORIOGRAPHY REQUIRED. GRADS ARE PREPARED FOR TEACHING AND RESEARCH POSITIONS AT THE COLLEGE OR UNIVERSITY LEVEL. PREREQS: UNDERGRADUATE MAJOR IN HISTORY OR RELATED FIELD. ACCEPTABLE GRE SCORES.															
	HISTORY UNIVERSITY OF ARIZONA, ARIZONA	19	3	13	4	4	2	13	0	6	4	44	33	77	NO	N/A
	BRIEF PROGRAM DESCRIPTION STUDENTS SELECT AN AREA OF CONCENTRATION. IF THAT AREA IS THE U.S. OR LAT. AM., THE STUDENT SELECTS2 GEN'L FLDS & 1 SPEC FLD IN THE AREA. IF THE AREAIS EUROPE OR ASIA, THE STUDENT SELECTS 1 GEN'L FLD& 2 SPEC. FLDS IN THE AREA. ALSO, THE STUDENT WILLSELECT 2 SUPPORTING FLDS OUTSIDE THE MAJOR AREA, 1OF WHICH MAY BE OUTSIDE OF HISTORY. STUDENTS MUST DEMON. A RDING KNOWLEDGE OF 2 FOR. LANG. OR, IN CERTAIN CASES, 1 FOREIGN LANG. PLUS COMPETENCE IN COMPUTER PROGRAMMING OR STATISTICS.															
	HISTORY CLAREMONT GRADUATE SCHOOL, CALIFORNIA	6	4	4	5	4	3	10	4	5	4	16	44	60	NO	N/A
	BRIEF PROGRAM DESCRIPTION CONVENTIONAL AND MULTIDISCIPLE PROGRAMS IN SEVERAL AREAS INCLUDING GREAT BRITAIN, U.S., MODERN EUROPE, AND INTELLECTUAL HISTORY-ALSO AMERICAN STUDIES& EUROPEAN STUDIES.															

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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

                                 *****  EARNED DEGREES CONFERRED  *****                                    MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/     1973-74   1974-75   1975-76   1976-77   1977-78  GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION       MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

2205       HISTORY
       STANFORD UNIVERSITY, CALIFORNIA
                             27   23   18   16   27    9   18   16   15    8                         111      NO         N/A
         BRIEF PROGRAM DESCRIPTION
           EUROPE, 300-1400; EUROPE, 1400-1789; EUROPE SINCE1700, RUSSIA; EASTERN EUROPE; MIDDLE EAST; EAST
           ASIA BEFORE 1600; EAST ASIA SINCE 1600; AFRICA; BRITAIN AND THE BRITISH EMPIRE SINCE 1460; LATIN
           AMERICA; AND THE UNITED STATES.

           HISTORY
       U OF CAL BERKELEY, CALIFORNIA
                             26   29   17   24   30   30   27   21    0    0    139         0        139      YES        NO



           HISTORY
       U OF CAL DAVIS, CALIFORNIA
                              9    4    8    7    9    6    5    4   10    4     43         1         44      NO         N/A
         BRIEF PROGRAM DESCRIPTION
           ANCIENT, MEDIEVAL, EUROPEAN, LATIN AMERICAN AND U.S. HISTORY; SOCIAL AND INTELLECTUAL HISTORY,
           HISTORY OF SCIENCE AND TECHNOLOGY IN AMERICA. GRADS ARE  PREPARED FOR CAREERS IN TEACHING AT THE
           UNIVERSITY AND COLLEGE LEVEL, STATE AND LOCAL GOVERNMENT, JOURNALISM, PREREQ.: TWO LETTERS OF
           RECOMMENDATION,  RECENT WRITTEN WORK, GRE SCORES RECOMMENDED.

           HISTORY
       U OF CAL IRVINE, CALIFORNIA
                              2    3    3    2    8    1    4    4    6    3     40         4         44      NO         N/A
         BRIEF PROGRAM DESCRIPTION
           U.S., LATIN AMERICAN, MODERN EUROPEAN, EARLY MODERN EUROPEAN, AND ANCIENT HISTORY; HISTORICAL
           THEORY, ADMISSION REQUIREMENTS: BACHELOR'S DEGREE IN HISTORY, OR ONE OF THE HUMANITIES OR SOCIAL
           SCIENCES.  GRE APTITUDE TEST.

           HISTORY
       U OF CAL LOS ANGELES, CALIFORNIA
                             55   34   47   41   37   30   47   30   40   27                         284      NO         N/A
         BRIEF PROGRAM DESCRIPTION
           FOR THE PH.D. DEGREE,THE DEPARTMENT OFFERS 38 FIELDS OF SPECIALIZATION IN THE FOLLOWING AREAS OF
           HISTORY: CLASSICAL,MEDIEVAL,BYZANTINE,NEAR EASTERN,ANCIENT NEAR EASTERN,ARMENIAN,ENGLISH & BRITISH
           EMPIRE,RENAISSANCE-REFORMATION,EUROPEAN,EUROPEAN CULTURAL & INTELLECTUAL,EUROPEAN
           SOCIO-ECONOMIC,PSYCHOHISTORY,RUSSIAN,AFRICAN,CHINESE,JAPANESE,SOUTH ASIAN,SOUTHEAST
           ASIAN,U.S.(INCLUDING 21 TOPICAL SPECIALIZATIONS),HISPANIC AMERICAN,HISTORY OF SCIENCE,HISTORY OF
           RELIGIONS,JEWISH & COMPARATIVE HISTORY.

           HISTORY
       U OF CAL RIVERSIDE, CALIFORNIA
                             11    3   11    2   11    3   11    2   12    2     42                    42      NO         N/A
         BRIEF PROGRAM DESCRIPTION
           MAJOR FIELDS OF STUDY ARE: EUROPE, 1789-PRESENT, COLONIAL AND EARLY NATIONAL AMERICA, 1607-1828,
           UNITED STATES, 1776-PRESENT, MINOR FIELDS ARE: EUROPE, 1400-1815, EUROPE, 1789-PRESENT, ENGLAND,
           1485-PRESENT. COLONIAL AND EARLY NATIONAL AMERICA, 1607-1828, UNITED STATES, 1776-PRESENT, LATIN
           AMERICA,CHINA.
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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

                                  ***** EARNED DEGREES CONFERRED *****                                     MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/      1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION        MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

2205          HISTORY
        U OF CAL SAN DIEGO. CALIFORNIA
                              2    1     2   10    13    4    12    2    16    5     50                  50       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            THE DEPARTMENT OF HISTORY INCLUDES CONCENTRATION IN EUROPEAN HISTORY. HISPANIC WORLD. OR U.S.
            HISTORY. THE GRADUATE RECORD EXAMINATION IS REQUIRED AND  ONE OR TWO WRITTEN PAPERS FROM HISTORY
            COURSES. FOREIGN LANGUAGE STUDY IS REQUIRED AS APPROPRIATE.

          HISTORY OF HEALTH SCIENCES
        U CAL SAN FRISCO MEDL CTR. CALIFORNIA
                              1    2     1    1     0    1     0    1     0    0     10                  10       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            A PROGRAM OF STUDIES LEADING TO THE MASTER'S & DOCTORAL DEGREES IN THE HISOTRY OF MEDICINE & THE
            HEALTH SCIENCES IS OFFERED BY THE DEPARTMENT OF THE HISTORY OF HEALTH SCIENCES.

          HISTORY
        U OF CAL SANTA BARBARA. CALIFORNIA
                             30   18    29   14    22   17    20   18     0    0    131         3       134       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            THE PH.D. STUDENT MUST SELECT THREE FIELDS FROM THE GENERAL FIELDS OF: THE U.S.. MODERN EUROPE.
            LATIN AMERICA. MEDIEVAL EUROPE. EAST ASIA. THE MIDDLEEAST. SOUTH ASIA. THE ANCIENT MEDITERRANEAN
            WORLD.  AFRICA. SCIENCE AND TECHNOLOGY.

          HISTORY
        U OF CAL SANTA CRUZ. CALIFORNIA
                              6    1     1    3     0    0     1    1     1    0      6                   6       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            THE PROGRAM IS DESIGNED TO PREPARE STUDENTS FOR APRODUCTIVE CAREER IN HISTORICAL RESEARCH AND
            TEACHING. THE PROGRAM IS COOPERATIVELY DESIGNED BY FACULTY AND STUDENT. EMPHASIS IS IN SOCIAL
            HISTORY. BUT ENCOMPASS INTELLECTUAL HISTORY. POLITICAL HISTORY AND HISTORY OF THE ARTS. NO NEW
            STUDENTS WILL BE  ADMITTED UNTIL FALL 1979.

          HISTORY
        U OF SOUTHERN CALIFORNIA. CALIFORNIA
                             11    8    11    6     6    5     7    6     3    5                         69       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            WESTERN EUROPE: GREAT BRITAIN: FAR EAST: LATIN AMERICA: U.S. PREREQUISITES: GRE APTITUDE: AB OR AM
            IN HISTORY.

          HISTORY
        U OF NORTHERN COLORADO. COLORADO
                              5    0     5    0     3    0     4    0     3    0                         17       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            THE D.A. PREPARES VERSATILE AND WELL-INFORMED TEACHERS OF HISTORY. EMPHASIS IS PLACED ON THE
            TRAINING OF EFFECTIVE TEACHERS AND NOT ON THE PRODUCTION  OF SKILLED RESEARCH HISTORIANS. A STUDENT
            SUCCESSFULLY COMPLETING THIS PROGRAM WILL BE WELL QUALIFIED TO TEACH HISTORY AT THE JUNIOR OR SENIOR
            COLLEGE LEVEL.
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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

                               *****  EARNED DEGREES CONFERRED  *****                                       MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

2205        HISTORY
       UNIVERSITY OF DENVER, COLORADO
                             10    1    5    7   11    5    8    2    2    1                             30        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           TEACHING & RESEARCH TECHNIQUES IN THE FIELDS OF AMERICAN HISTORY & COMPARATIVE WORLD HISTORY,
           AMERICAN STUDIES & EUROPEAN HISTORY. GRADS ARE PREPAREDFOR ACADEMIC, GOVERNMENTAL, ARCHIVAL OR
           LIBRARY POSITIONS. REQUIREMENTS FOR ADMISSIONS INCLUDE: SCORES FROM THE APTITUDE & ADVANCED TESTS OF
           THE GRE.

            HISTORY
       U OF HAWAII AT MANOA, HAWAII
                             21    3   29    0   15    5   11    6   10    4     26          53         79        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           AMERICAN, ASIAN, PACIFIC AND EUROPEAN HISTORY. GRADUATES ARE PREPARED FOR CAREERS IN UNIVERSITY
           TEACHING AND RESEARCH. PREREQS: M.A. IN HISTORY OR EQUIVALENT; GRE (APTITUDE).

            HISTORY
       UNIVERSITY OF IDAHO, IDAHO
                              3    0    4    0    5    3    2    2    7    0     12           5         17        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           GRADUATE WORK IS OFFERED IN AMERICAN, ENGLISH, EUROPEAN, AND LATIN AMERICAN HISTORY. THE PH.D.
           PROGRAM IS PRIMARILY ORIENTED TO RESEARCH AND WRITING.  DISSERTATION TOPICS ARE LIMITED TO THE
           FIELDS OF  THE AMERICAN WEST (INCLUDING PACIFIC NORTHWEST),  AMERICAN DIPLOMATIC HISTORY, AND EUROPE
           SINCE 1760.

            HISTORY
       UNIVERSITY OF MONTANA, MONTANA
                              8    1    6    1    5    1    3    0    4    0      9           9         18        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           AREAS OF SPECIALIZATION ARE LATIN AMERICAN HISTORY, FAR EASTERN HISTORY, RUSSIAN HISTORY, ENGLISH
           HISTORY, UNITED STATES HISTORY & EUROPEAN HISTORY. COMPETENCY IN A FOREIGN LANGUAGE IS REQUIRED.
           GRADUATES ARE EMPLOYED IN HIGHER EDUCATION & GOVERNMENT. GRE IS REQUIRED.

            HISTORY
       U OF NEVADA RENO, NEVADA
                              4    1    2    0    2    3    0    0    0    0                                       NO          N/A



            HISTORY
       U OF OREGON MAIN CAMPUS, OREGON
                             10    4   12    5    9    1    8    3   10    0     33           9         42        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           U.S.; MODERN EUROPE; EAST ASIA. ADMISSIONS REQUIREMENTS: M.A. OR EQUIVALENT; ACCEPTABLE GRE
           SCORES;TWO YEARS OR EQUIVALENT OF AT LEAST ONE FOREIGN LANGUAGE ADVISABLE. CAREERS: HISTORIANS;
           SECONDARY TEACHERS OF SOCIAL STUDIES AND HISTORY; COLLEGE TEACHERS OF HISTORY; RESEARCHERS IN THE
           HUMANITIES AND SOCIAL SCIENCES.
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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

                          *****  EARNED DEGREES CONFERRED  *****                                            MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT  REACHED

2205        HISTORY
       BRIGHAM YOUNG U MAIN CAM, UTAH
                             10    2    5    3    9    3    6    5    9    1                            30         NO          N/A
         BRIEF PROGRAM DESCRIPTION
           FIELDS: AMER. HIST., ANCIENT HIST., HIST. OF ASIA.  LATIN AMERICAN HIST., MEDIEVAL, AND MOD.
           EUROPEAN  HISTORY. PROFESSIONAL OPPORTUNITIES INCLUDE CAREERS IN TEACHING, THE LDS INSTITUTE SYSTEM,
           GOVERNMENT AND RELATED RESEARCH AGENCIES, AS WELL AS PROFESSIONAL WRITING.

            HISTORY
       UNIVERSITY OF UTAH, UTAH
                             12    3    8    2    7    2    9    4    7    1                            47         NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PH.D.: UNITED STATES-COLONIAL AND EARLY NATIONAL-NINETEENTH AND TWENTIETH CENTURY-AMERICAN WEST;
           MEDIEVAL EUROPE; EARLY MODERN EUROPE-RENAISSANCE TO REVOLUTION; MODERN EUROPE-ENLIGHTENMENT TO
           PRESENT;MIDDLE EAST; LATIN AMERICA.

            HISTORY
       UNIVERSITY OF WASHINGTON, WASHINGTON
                             17    9   20   24   13   14   11   14    8    6    57         36           93         NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE DEPARTMENT SPECIALIZES IN THE FOLLOWING BROAD  DIVISIONS OF GRADUATE STUDY: ANCIENT, MEDIEVAL &
           BYZANTINE; EUROPE 1450-1789; EUROPE SINCE 1789; ENGLAND; RUSSIA & EASTERN EUROPE; ISLAM, EXPANSION
           OF EUROPE; UNITED STATES; LATIN AMERICA; ASIA BEFORE 1800; ASIA SINCE 1800; HISTORY OF SCIENCE;
           INTELLECTUAL HISTORY AND HISTORIOGRAPHY; DIPLOMATIC HISTORY.

            HISTORY
       WASHINGTON ST UNIVERSITY, WASHINGTON
                              7    2   13    3    4    2    5    3    3    6    24          4           28         NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE DOCTORAL DISSERTATION MAY BE WRITTEN IN AMERICAN HISTORY, RUSSO-AMERICAN RELATIONS, LATIN
           AMERICAN HISTORY, MODERN EUROPEAN HISTORY, ENGLISH HISTORY, OR MODERN CHINESE HISTORY. EACH STUDENT
           MUST DEMONSTRATE A READING KNOWLEDGE OF ONE FOREIGN LANGUAGE AT A HIGH LEVEL OF ATTAINMENT.

            HISTORY
       UNIVERSITY OF WYOMING, WYOMING
                              1    2    1    1    3    1    5    1    8    1                            12         NO          N/A
         BRIEF PROGRAM DESCRIPTION
           AMERICAN HISTORY AND LIMITED FIELDS OF LATIN AMERICAN AND WESTERN EUROPEAN HISTORY.  COE LIBRARY HAS
           AMPLE SOURCE MATERIAL FOR DISSERTATION IN ALL PERIODS OF HISTORY.  PREREQS: 2 FOREIGN LANGUAGES.  IN
           SOME CASES, WORK IN A COGNATE FIELD MAY BE SUBSTITUTED FOR THE SECOND LANGUAGE.

            HISTORY
       UNIVERSITY OF COLORADO, COLORADO
                             21    7   15   11   21    5   12    6   19    4                           106         NO          N/A
         BRIEF PROGRAM DESCRIPTION
           CURRICULAR EMPHASES OR SUBSPECIALTIES: UNITED STATES, EUROPEAN & FAR EASTERN HISTORY; ARCHIVAL
           MANAGEMENT & HISTORICAL PRESERVATION. SPECIAL ADMISSIONS REQUIREMENTS: M.A. IN HISTORY, OR
           EQUIVALENT. PRIMARY CAREERS: TEACHING; ARCHIVAL MANAGEMENT & HISTORICAL PERSERVATION; HISTORICAL
           EDITING; MUSEOLOGY; & RESEARCH.
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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

                              ***** EARNED DEGREES CONFERRED *****                                     MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74   1974-75   1975-76   1976-77   1977-78  GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

2205        HISTORY
       U OF NM MAIN CAMPUS, NEW MEXICO
                            11   12    4   11    6    5    8   11    3    6                        83       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           TRAINING IN AMERICAN, LATIN AMERICAN, EUROPEAN, AND ASIAN HISTORY, WITH PARTICULAR STRENGTH IN U.S.,
           WEST, AND SOUTHWEST HISTORY. PRACTICAL TRAINING IN PROFESSIONAL HISTORICAL SKILLS INCLUDING EDITING,
           MUSEUM AND ARCHIVAL ADMINISTRATION, QUANTIFICATION, AND RESEARCH METHODS. CAREER PREPARATION:
           COLLEGE AND UNIVERSITY TEACHING, HISTORICAL EDITING, MUSEUM AND ARCHIVAL ADMINISTRATION.
           PREREQUISITES:MA IN HISTORY, 3.0 GPA.


2205      TOTAL

                           362  181  299  204  292  164  276  166  215   93    687        212      1688



       COUNT

                            28




2206        GEOGRAPHY
       ARIZONA STATE UNIVERSITY, ARIZONA
                            20    0   13    0   24    0   13    1   26    0     11          5        16       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           STUDIES IN ENVIRONMENTAL GEOGRAPHY, CLIMATOLOGY AND TOPCLIMATOLOGY, SPATIAL LAND USE, URBAN
           ECONOMICAND HISTORICAL URBAN GEOGRAPHY, COMPUTER CARTOGRAPHY, SOCIAL AND CULTURAL GEOGRAPHY,
           RECREATIONAL GEOGRAPHY, REGIONAL AND AREA ANALYSIS. PREPARATION:  COURSE WORK IN GEOGRAPHIC ARTS,
           CARTOGRAPHY, FIELD METHODS, STATISTICS; ACCEPTABLE GRE SCORES.

            GEOGRAPHY
       UNIVERSITY OF ARIZONA, ARIZONA
                             4    0    3    0    5    0    9    0    0    1      8          5        13       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           TOPICAL CONCENTRATIONS AVAILABLE ARE CULTURAL, ECONOMIC, HISTORICAL, PHYSICAL, AND URBAN GEOGRAPHY.
           REGIONAL CONCENTRATIONS AVAILABLE ARE ANGLO-AMERICA (OR UNITED STATES), ARID LANDS, AND LATIN
           AMERICA. DISSERTATIONS SHOULD INCORPORATE ASPECTS OF BOTH THE TOPICAL AND REGIONAL CONCENTRATIONS
           CHOSEN.

            GEOGRAPHY
       U OF CAL BERKELEY, CALIFORNIA
                            11    6    9    8    9    9   11    5    0    0     48          0        48      YES          NO
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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
2206	GEOGRAPHY U OF CAL DAVIS, CALIFORNIA	3	0	6	0	3	3	4	1	3	1	14	1	15	NO	N/A

BRIEF PROGRAM DESCRIPTION

AGRICULTURAL, HISTORICAL/CULTURAL, URBAN AND PHYSICAL GEOGRAPHY (GEOMORPHOLOGY AND CLIMATOLOGY). CAREERS FOR GRADUATES INCLUDE TEACHING AT THE COLLEGE AND UNIVERSITY LEVEL, RESEARCH, PRIVATE INDUSTRY. PREREQ.: MA DEGREE, TWO LETTERS OF RECOMMENDATION, GRE SCORES.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	GEOGRAPHY U OF CAL LOS ANGELES, CALIFORNIA	12	15	5	8	6	9	15	7	8	7			59	NO	N/A

BRIEF PROGRAM DESCRIPTION

THE DEPARTMENT OF GEOGRAPHY OFFERS PROGRAMS LEADING TO THE M.A. & PH.D. DEGREES. THE GRADUATE & UNDERGRADUATE COURSE OFFERINGS INCLUDE NEARLY ALL FACETS OF THE GEOGRAPHIC DISCIPLINE. SUCH OFFERINGS, DEVELOPED BOTH IN BREADTH & DEPTH, ARE POSSIBLE BECAUSE OF THE VARIED & EXTENSIVE BACKGROUND & THE COMPARATIVELY LARGE SIZE OF THE DEPARTMENTAL STAFF.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	GEOGRAPHY U OF CAL RIVERSIDE, CALIFORNIA	6	4	1	2	2	3	4	5	0	0	12		12	NO	N/A

BRIEF PROGRAM DESCRIPTION

THE STUDENT WILL BE EXPECTED TO SHOW BASIC COMPETENCE IN BOTH PHYSICAL AND CULTURAL GEOGRAPHY AND IN THE HISTORY AND METHODOLOGY OF THE DISCIPLINE. THE STUDENT WILL ALSO BE EXPECTED TO SHOW A SPECIALIST'S COMPETENCE IN TWO SUB-FIELDS, ONE OF WHICH MUST BE REGIONAL, INVOLVING A MAJOR SECTION OF THE EARTH'S SURFACE SUCH AS A CONTINENT OR A SYSTEMATICALLY DEFINED REGION SUCH AS TROPICAL ARID LANDS, POLAR LANDS, OR SIMILAR TOPICS.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	GEOGRAPHY U OF NORTHERN COLORADO, COLORADO	0	0	0	1	6	2	0	2	0	3			4	NO	N/A

BRIEF PROGRAM DESCRIPTION

THE D.A. PROGRAM PREPARES VERSATILE AND WELL-INFORMED TEACHERS OF GEOGRAPHY. EMPHASIS IS PLACED ON THE TRAINING OF EFFECTIVE TEACHERS AND NOT ON THE PRODUCTION OF SKILLED RESEARCH GEOGRAPHERS. A STUDENT SUCCESSFULLY COMPLETING THIS PROGRAM WILL BE WELL QUALIFIED TO TEACH GEOGRAPHY AT THE JUNIOR OR SENIOR COLLEGE LEVEL.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	GEOGRAPHY UNIVERSITY OF DENVER, COLORADO	2	1	4	1	1	1	0	0	2	0			10	NO	N/A

BRIEF PROGRAM DESCRIPTION

PROGRAM EMPHASES: PHYSICAL & CULTURAL GEOGRAPHY, CARTOGRAPHY, REMOTE SENSING, STATISTICS & FIELD METHODS. TOPIC EMPHASES CONSIST OF GEOMORPHOLOGY, URBAN & SETTLEMENT GEOGRAPHY OR CLIMATOLOGY. GRADS ARE PREPARED FOR ACADEMIC CAREERS OR CAREERS IN APPLIED GEOGRAPHY, INCLUDING THOSE IN GOVERNMENTAL AGENCIES ENGAGED IN PLANNING. REAS FOR ADMISSIONS: M.A. & APTITUDE TEST SCORE OF GRE.

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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

                              *****  EARNED DEGREES CONFERRED  *****                                                  MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME   PART-TIME  TOTAL  ENROLLMENT   REACHED

2206        GEOGRAPHY
      U OF HAWAII AT MANOA, HAWAII
                              7    4    12    3    18    2     6    4     5    5     25          30         55        NO          N/A
        BRIEF PROGRAM DESCRIPTION
          ASIAN AND PACIFIC WITH EMPHASIS IN ENVIRONMENTAL ANALYSIS, RESOURCE SYSTEMS, POPULATION AND URBAN
          STUDIES. GRADUATES ARE PREPARED FOR CAREERS IN UNIVERSITY TEACHING AND RESEARCH, GOVERNMENTAL
          AGENCIES, AND PLANNING AND DEVELOPMENT. PREREQS: GRE, THREE LETTERS OF REFERENCE, REPRESENTATIVE
          SAMPLES OF  RESEARCH WRITING, COMPREHENSIVE STATEMENT OF PROFESSIONAL GOALS AND OBJECTIVES.

            GEOGRAPHY
      OREGON STATE UNIVERSITY, OREGON
                             14    8    18    4    11    2    19    6    18    5     48          11         59        NO          N/A
        BRIEF PROGRAM DESCRIPTION
          MAJOR EMPHASIS IN THE TOPICAL FIELDS OF PHYSICAL GEOGRAPHY AND RESOURCE GEOGRAPHY. MINORS ARE
          OFFERED IN ECONOMIC GEOGRAPHY. THE GRADUATE PROGRAM HAS  AN APPLIED ORIENTATION, PLACING EMPHASIS ON
          THE APPLICATION OF GEOGRAPHIC TECHNIQUES TO ENVIRONMENTAL, RESOURCE, AND ECONOMIC DEVELOPMENT
          PROBLEMS. ONE LANGUAGE IS REQUIRED FOR THE DOCTOR OF PHILOSOPHY DEGREE.

            GEOGRAPHY
      U OF OREGON MAIN CAMPUS, OREGON
                              8    8     3    3     2    2     9    8    10    2     26           9         35        NO          N/A
        BRIEF PROGRAM DESCRIPTION
          CULTURAL AND HISTORICAL GEOGRAPHY, ENVIRONMENTAL ANALYSIS OF LANDFORMS, CLIMATE, BIOTA, LAND USE,
          ETC. AND THE PROCESSES INFLUENCING THEM. FIELD WORK  REQUIRED. MA, GRE OR MILLER'S ANALOGY SCORES,
          STRONG LETTERS OF RECOMMENDATION, STATEMENT OF PURPOSES AND RESEARCH GOALS REQUIRED FOR ADMISSION.
          MOSTGRADUATES ARE COLLEGE TEACHERS.

            GEOGRAPHY
      UNIVERSITY OF UTAH, UTAH
                             13    0     7    0     8    0     6    1     5    0                                32        NO          N/A
        BRIEF PROGRAM DESCRIPTION
          TOPICAL: ENVIRONMENTAL ANALYSIS, PHYSICAL SYSTEMS,  PLANNING, CULTURAL, URBAN, POLITICAL, MEDICAL,
          SOCIAL AND BEHAVIORAL GEOGRAPHY. TECHNICAL: REMOTE SENSING, CARTOGRAPHY, QUANTITATIVE TECHNIQUES,
          COMPUTER APPLICATIONS, GEOGRAPHIC OR EARTH SCIENCE EDUCATION. REGIONAL: INTERMOUNTAIN WEST, LATIN
          AMERICA, MIDDLE EAST AND AFRICA, ASIA, EUROPE.

            GEOGRAPHY
      UNIVERSITY OF WASHINGTON, WASHINGTON
                             10    7     2    9     5    1     7    2     2    9     51          19         70        NO          N/A
        BRIEF PROGRAM DESCRIPTION
          MAJOR SPECIALIZATIONS INCLUDE: A)URBAN LOCATION &  INTERNAL URBAN SPATIAL STRUCTURE, TRANSPORTATION
          & SPATIAL INTERACTION, INDUSTRIAL LINKAGES, REGIONAL ECONOMICS & DEVELOPMENT, RESOURCE POLICIES &
          UTILIZATION, MIGRATION & CULTURAL DIFFUSING, AGRICULTURAL ORGANIZATION & PRODUCTION & POLITICAL
          GEOGRAPHY; B)CARTOGRAPHIC & QUANTITATIVE METHODS; C)THESOVIET UNION & EASTERN EUROPE, WESTERN
          EUROPE, CHINA & JAPAN; & D)GEOGRAPHIC TRAINING FOR ELEMENTARY& SECONDARY SCHOOL TEACHERS.
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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

		***** EARNED DEGREES CONFERRED *****													MANDATORY	CEILING
HEGIS	NAME OF PROGRAM/	1973-74		1974-75		1975-76		1976-77		1977-78		GRADUATE ENROLLMENT 1977-78			CEILING ON	LEVEL
CODE	INSTITUTION	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	FULL-TIME	PART-TIME	TOTAL	ENROLLMENT	REACHED
2206	GEOGRAPHY UNIVERSITY OF COLORADO, COLORADO	16	5	11	8	9	7	12	3	10	10			73	NO	N/A
	BRIEF PROGRAM DESCRIPTION CURRICULAR EMPHASES OR SUBSPECIALTIES: HUMAN GEOGRAPHY, ESPECIALLY CULTURAL, URBAN, SOCIAL, POLITICAL, CONSERVATION, RESOURCE MGT., HAZARDS: PHYSICAL GEOGRAPHY, ESPECIALLY ARCTIC & ALPINE ENVIRONMENTS: GEOGRAPHIC EDUCATION. PRIMARY CAREERS: TEACHING& RESEARCH: PROFESSIONAL IN REGIONAL PLANNING, RESOURCE MANAGEMENT.															
2206	TOTAL	126	58	94	47	109	41	115	45	89	43	243	80	501		
	COUNT	14														
2207	POLITICAL SCIENCE ARIZONA STATE UNIVERSITY, ARIZONA	6	1	7	2	6	1	4	0	10	1	4	3	7	NO	N/A
	BRIEF PROGRAM DESCRIPTION STUDIES IN THE AREAS OF AMERICAN GOVERNMENT, PUBLIC POLICY AND ADMINISTRATION, POLITICAL THEORY, COMPARATIVE GOVERNMENT, INTERNATIONAL RELATIONS, PUBLIC LAW, AND METHODOLOGY. CAREER PREPARATION FOR TEACHING AND RESEARCH POSITIONS IN EDUCATIONAL INSTITUTIONS AND GOVERNMENT. PREREQS: MASTERS DEGREE, ACCEPTABLE GRE SCORES.															
	POLITICAL SCIENCE UNIVERSITY OF ARIZONA, ARIZONA	7	8	13	6	6	3	5	4	4	3	30	24	54	NO	N/A
	BRIEF PROGRAM DESCRIPTION CONCENTRATIONS ARE AVAILABLE IN POLITICAL THEORY, AMERICAN POLITICAL INSTITUTIONS, AMERICAN POLITICAL BEHAVIOR, INTERNATIONAL RELATIONS, AND COMPARATIVE POLITICS.															
	POLITICAL SCIENCE CLAREMONT GRADUATE SCHOOL, CALIFORNIA	34	22	25	27	36	23	26	29	25	31	58	171	229	NO	N/A
	BRIEF PROGRAM DESCRIPTION DESIGNED TO INSURE BREADTH OF PREPARATION AND DEVELOPMENT OF SPECIALIZED INTERESTS IN A NUMBER OF FIELDS RELATING TO PUBLIC ADMINISTRATION AND POLITICAL PHILOSOPHY.															

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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

                                 ***** EARNED DEGREES CONFERRED *****                                            MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78  GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION     MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

2207       POLITICAL SCIENCE
      STANFORD UNIVERSITY, CALIFORNIA
                            7   17     13   17     12   12     19   10      8    3                           68      NO         N/A
        BRIEF PROGRAM DESCRIPTION
          AMERICAN POLITICS, COMPARATIVE POLITICS, INTERNATIONAL RELATIONS, POLITICAL THEORY, PUBLIC
          ADMINISTRATION, AND PUBLIC LAW.

           POLITICAL SCIENCE
      U OF CAL BERKELEY, CALIFORNIA
                           33   33     31   19     24   21     25   12      0    0     135        0        135      YES        NO


           POLITICAL SCIENCE
      U OF CAL DAVIS, CALIFORNIA
                            8    1      4    4      7    1      5    0      7    2      30        0         30      NO         N/A
        BRIEF PROGRAM DESCRIPTION
          POLITICAL THEORY, INTERNATIONAL RELATIONS, COMPARATIVE POLITICS, PUBLIC LAW, PUBLIC
          ADMINISTRATION,AMERICAN GOVERNMENT, POLITICAL PARTIES. STUDENTS ARE PREPARED FOR CAREERS IN TEACHING
          AT THE COLLEGE  AND UNIVERSITY LEVEL: LAW: STATE AND LOCAL GOVERNMENT: URBAN PLANNING:
          ADMINISTRATION. PREREQ.: THREE LETTERS OF RECOMMENDATION, GRE SCORES, RECENT WRITTEN WORK.

           POLITICAL SCIENCE
      U OF CAL IRVINE, CALIFORNIA
                            0    0      0    1      0    1      0    0      0    0       0        0          0      NO         N/A
        BRIEF PROGRAM DESCRIPTION
          CHANGE AND STRUCTURE OF CULTURES AND OF SOCIAL AND  POLITICAL UNITS: POWER, AUTHORITY, AND VALUE
          ALLOCATIONS: MATHEMATICAL MODELS AND QUANTITATIVE ANALYSIS OF POLITICAL PHENOMENA: POLITICS,
          SOCIETY, AND SOCIAL ISSUES. ADMISSION REQUIREMENTS: APPROPRIATE UNDERGRADUATE PREPARATION, GRE
          APTITUDE TEST.

           POLITICAL SCIENCE
      U OF CAL LOS ANGELES, CALIFORNIA
                           17   15     20   11     12   12      8   14     21    6                           83      NO         N/A
        BRIEF PROGRAM DESCRIPTION
          THE DEPARTMENT OF POLITICAL SCIENCE OFFERS M.A. &  PH.D. PROGRAMS IN POLITICAL THEORY,
          INTERNATIONALRELATIONS, POLITICS, COMPARATIVE GOVERNMENT, PUBLIC LAW & PUBLIC ADMINISTRATION. WORK
          IN INTERNATIONAL RELATIONS & COMPARATIVE GOVERNMENT IS ENRICHED  BY ASSOCIATION WITH THE CENTERS FOR
          AFRICAN, NEAREASTERN, LATIN AMERICAN, & RUSSIAN & EAST EUROPEANSTUDIES.

           POLITICAL SCIENCE
      U OF CAL RIVERSIDE, CALIFORNIA
                            5   11      9    5     12    3     14    4      4    1      38                   38      NO         N/A
        BRIEF PROGRAM DESCRIPTION
          FIELDS OFFERED: COMPARATIVE POLITICS: INTERNATIONAL POLITICS: JUDICIAL POLITICS: PARTIES, PUBLIC
          OPINION, AND PARTICIPATION: POLITICAL THEORY: AND URBAN POLITICS. THERE IS SPECIAL STRENGTH IN THE
          AMERICAN POLITICS FIELDS: A) PARTIES, PUBLIC OPINION,AND PARTICIPATION: B) URBAN POLITICS: C)
          JUDICIAL  POLITICS.
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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

                               ***** EARNED DEGREES CONFERRED *****                                          MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78 CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

2207        POLITICAL SCIENCE
       U OF CAL SANTA BARBARA, CALIFORNIA
                            27   10    14    8    20   18    14   15     0    0     59          4         63       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           GRADUATE WORK IS OFFERED IN THE FOLLOWING FIELDS:POLITICS, PUBLIC POLICY, AND ADMINISTRATION, PUBLIC
           LAW, INTERNATIONAL RELATIONS, COMPARATIVE POLITICS, AND POLITICAL THEORY.

            POLITICAL SCIENCE
       U OF SOUTHERN CALIFORNIA, CALIFORNIA
                             7    6     7    7     5    4     7    2     8    2                                63       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           AMERICAN POLITICS; COMPARATIVE POLITICS; POLITICAL  THEORY; PUBLIC LAW AND PUBLIC POLICY;
           INTERNATIONAL POLITICS; INTERDEPARTMENTAL AREA STUDIES. PREREQUISITES: GRE APTITUDE; AB OR AM.

            POLITICAL SCIENCE
       COLORADO STATE UNIVERSITY, COLORADO
                             0    0     4    0     9    0     4    0     7    0                                27       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           DOCTORAL PROGRAMS INCLUDE SPECIAL EMPHASIS ON THE  STUDY OF ENVIRONMENTAL POLITICS &
           ADMINISTRATION.PROGRAMS OF STUDY ARE MULTIDISCIPLINARY IN NATURE  & ARE INDIVIDUALLY DESIGNED TO FIT
           THE STUDENT'S  EDUCATIONAL BACKGROUND & CAREER OBJECTIVES.

            POLITICAL SCIENCE
       U OF HAWAII AT MANOA, HAWAII
                            20    5    28    9    25   14    25   11    19    6     59         57        116       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           ANALYSIS AND THEORY (METHODOLOGY, AND POLITICAL PHILOSOPHY), PUBLIC POLICY (PRESCRIPTIVE AND
           ANALYTIC POLICY AND FUTURISTICS), POLITICAL BEHAVIOR (INDIVIDUAL AND INSTITUTIONAL BEHAVIOR)
           POLITICAL SYSTEMS (DEVELOPMENTAL, AMERICAN, ASIAN/PACIFIC AND COMPARATIVE), CONFLICT (RESOLUTION,
           INTEGRATION AND  INTERNATIONAL), GRADUATES ARE PREPARED FOR CAREERS IN TEACHING AND RESEARCH.
           PREREQS: GRE (APTITUDE); LETTERS OF RECOMMENDATION.

            GOVERNMENT
       IDAHO STATE UNIVERSITY, IDAHO
                             2    2     1    5     0    4     2    2     6    5     22         19         41       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE DOCTOR OF ARTS IS AN INTERDISCIPLINARY PROGRAMWHICH REQUIRES PREPARATION IN ECONOMICS AND
           SOCIOLOGY IN ADDITION TO GOVERNMENT, THE PROGRAM IS DESIGNED TO PRODUCE INDIVIDUALS WHO ARE
           QUALIFIED TO INSTRUCT UNDERGRADUATE COLLEGE COURSES IN THREE DISCIPLINES, GRADUATE COURSES IN
           GOVERNMENT AND INTER- AND CROSS-DISCIPLINARY COURSES WHICH REQUIRE A BROAD PREPARATION IN THE SOCIAL
           SCIENCES, EMPHASIS  IS PLACED ON BROAD COMPETENCE RATHER THAN SPECIALIZATION.

            POLITICAL SCIENCE
       UNIVERSITY OF IDAHO, IDAHO
                             3    0     9    2     4    2     1    0     4    2     11          9         20       NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE DEPARTMENT MAINTAINS AN EXTENSIVE AND EXPANDING BODY OF DATA DEALING WITH IDAHO ELECTIONS AND,
           THROUGH ITS BUREAU OF PUBLIC AFFAIRS RESEARCH, PROVIDES RESEARCH, TRAINING, AND CONSULTATIVE
           SERVICES  FOR STATE AND LOCAL AGENCIES OF IDAHO. THERE AREOPPORTUNITIES FOR GRADUATE STUDENTS TO
           SECURE USEFUL EXPERIENCE AS RESEARCH ASSISTANTS WITHIN THE BUREAU.
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635

636

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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

                                 ***** EARNED DEGREES CONFERRED *****                                                MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

2207       POLITICAL SCIENCE
        U OF OREGON MAIN CAMPUS, OREGON
                             9   10     6   12     6    4     6    2     6    3      39          13       52        NO           N/A
         BRIEF PROGRAM DESCRIPTION
           DEVELOPMENT OF THEORETICAL AND METHODOLOGICAL SKILLS FOR THE ANALYSIS OF POLITICAL SYSTEMS.
           INTERNATIONAL RELATIONS, GOVERNMENTAL INSTITUTIONS, AMERICAN POLITICS, PSYCHOLOGICAL AND
           SOCIOLOGICAL BASES  OF POLITICAL ACTION, PUBLIC CHOICE POLITICS OF EDUCATION PARTICULAR STRENGTHS.
           PREREQUISITES: M.A.  DEGREE, CAREERS IN HIGHER EDUCATION, GOVERNMENT,  INTERNATIONAL ORGANIZATION
           CHARACTERISTIC OF GRADUATES.

           POLITICAL SCIENCE
        UNIVERSITY OF UTAH, UTAH
                             6    1     2    0     3    6     2    2     0    2                           17        NO           N/A
         BRIEF PROGRAM DESCRIPTION
           AMERICAN GOVERNMENT AND POLITICS, COMPARATIVE POLITICS, INTERNATIONAL POLITICS, PUBLIC
           ADMINISTRATION, POLITICAL THEORY.

           POLITICAL SCIENCE
        UNIVERSITY OF WASHINGTON, WASHINGTON
                            10   13     7   12    11   12     7   13    18    5      51          29       80        NO           N/A
         BRIEF PROGRAM DESCRIPTION
           THE FOLLOWING FIELDS ARE OFFERED: POLITICAL THEORY  AND METHODOLOGY: INTERNATIONAL LAW AND
           RELATIONS:COMPARATIVE GOVERNMENT: PUBLIC LAW: PUBLIC ADMINISTRATION: AMERICAN POLITICS AND PUBLIC
           POLICY: AND  URBAN POLITICS.

           POLITICAL SCIENCE
        WASHINGTON ST UNIVERSITY, WASHINGTON
                             6    3     4    2     4    1     5    2     3    6      23           6       29        NO           N/A
         BRIEF PROGRAM DESCRIPTION
           THE DEPARTMENT OFFERS COURSE WORK IN THE FOLLOWING  FIELDS: POLITICAL THEORY & METHODOLOGY,
           COMPARATIVE GOVERNMENT, INTERNATIONAL POLITICS & ORGANIZATION, PUBLIC POLICY FORMATION, PUBLIC
           ADMINISTRATION, AND PUBLIC LAW. ADMISSION IS NOT CONFINED TO STUDENTS WHO HAVE MAJORED OR MINORED IN
           POLITICAL SCIENCE AS UNDERGRADUATES.

           POLITICAL SCIENCE
        UNIVERSITY OF COLORADO, COLORADO
                             8   11    11   10    17    2    17    6    12    4                           74        NO           N/A
         BRIEF PROGRAM DESCRIPTION
           CURRICULAR EMPHASES OR SUBSPECIALTIES: INTERNATIONAL RELATIONS, COMPARATIVE POLITICS, AMERICAN
           POLITICS & GOVERNMENT, PUBLIC ADMINISTRATION, LAW & POLITICS, POLITICAL PHILOSOPHY & EMPIRICAL
           THEORY & METHODOLOGY. SPECIAL ADMISSIONS REQUIREMENTS: MASTER'S DEGREE IN POLITICAL SCIENCE OR
           RELATED FIELD.  PRIMARY CAREERS: EMPLOYMENT IN GOVERNMENT & PRIVATE ENTERPRISE, TEACHING & RESEARCH.
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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

                                   ***** EARNED DEGREES CONFERRED *****                                                  MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

2207        POLITICAL SCIENCE
       U OF NM MAIN CAMPUS, NEW MEXICO
                             3    3     4    2     1    1     5    1    11    1                            19      NO          N/A
      BRIEF PROGRAM DESCRIPTION
        AMERICAN GOVT. AND POLITICS. COMPARATIVE GOVERNMENT AND POLITICS. INTERNATIONAL RELATIONS. POLITICAL
        THEORY AND METHODOLOGY. AND PUBLIC POLICY AND PUBLIC AFFAIRS. GRADS ARE PREPARED FOR ACADEMIC
        CAREERS IN RESEARCH AND TEACHING. AS WELL AS FEDERAL. STATE OR LOCAL GOVERNMENT AND PUBLIC SERVICE.
        PREREQS: MASTERS DEGREE IN POLITICAL SCIENCE OR ITS EQUIVALENT. GRE SCORES. AND ACCEPTABLE GPA.

2207     TOTAL

                           218  172   219  161   220  145   199  129   173   83     559        335      1245


         COUNT

                            21



2208        SOCIOLOGY
       ARIZONA STATE UNIVERSITY, ARIZONA
                            15    0    12    0     8    0     8    1    15    0       5          5        10      NO          N/A
      BRIEF PROGRAM DESCRIPTION
        STUDIES IN URBANISM. URBANIZATION. AND RELATED ISSUES. INVESTIGATIONS IN SOCIAL ORGANIZATION AND
        THEORY. POLITICAL SOCIOLOGY. DEVIANCE. MARRIAGE AND FAMILY. DEMOGRAPHY AND HUMAN ECOLOGY. MASS
        MEDIA. GRADS ARE PREPARED FOR TEACHING AND RESEARCH POSITIONS IN EDUCATIONAL INSTITUTIONS AND
        GOVERNMENT AGENCIES. PREREQS: MASTERS DEGREE OR EQUIVALENT IN SOCIOLOGY. ACCEPTABLE GRE SCORES.

            SOCIOLOGY
       UNIVERSITY OF ARIZONA, ARIZONA
                            14    2    12    1    11    2     5    1     5    5      24         30        54      NO          N/A
      BRIEF PROGRAM DESCRIPTION
        POTENTIAL APPLICANTS ARE URGED TO INCLUDE STRONG COURSES IN THEORY. METHODOLOGY. AND STATISTICS IN
        THE UNDERGRADUATE PROGRAM. TEACHING AND RESEARCH EXPERIENCE ARE OFFERED AS A PART OF THE PROGRAM.
        DISSERTATIONS WILL GENERALLY BE CONTRIBUTIONS TO KNOWLEDGE THROUGH ORIGINAL EMPIRICAL RESEARCH.

            SOCIOLOGY
       US INTERNATIONAL U. CALIFORNIA
                             2    2    11    0     7    2     9    8     2    2       8          3        11      NO          N/A
      BRIEF PROGRAM DESCRIPTION
        PREPARATION OF APPLIED PROFESSIONALS AND COLLEGE TEACHERS DEALING WITH THE MULTI-FACETED DIMENSIONS
        OF CONTEMPORARY SOCIETY.
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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

                                  ***** EARNED DEGREES CONFERRED *****                                         MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74.   1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

2208        SOCIOLOGY
         STANFORD UNIVERSITY, CALIFORNIA
                             11    6    22    7    21   11    24   11    18   10                           35      NO          N/A
          BRIEF PROGRAM DESCRIPTION
            SMALL GROUPS, SOCIALIZATION, FAMILY AND KINSHIP, SOCIOLOGY OF EDUCATION, COMPARATIVE INSTITUTIONS,
            FORMAL ORGANIZATIONS, THEORY, AND METHODS.

            SOCIOLOGY
         U OF CAL BERKELEY, CALIFORNIA
                             21   21    17   19    16   24    19   15     0    0    115          0          115      YES         NO



            SOCIOLOGY
         U OF CAL DAVIS, CALIFORNIA
                              6    2    11    1     3    2     6    7     6    8     34          0           34      NO          N/A
          BRIEF PROGRAM DESCRIPTION
            METHODS OF QUANTITATIVE RESEARCH, BEHAVIORAL POLITICAL SOCIOLOGY, SOCIOLOGY OF EDUCATION, ETHNIC
            RELATIONS, COMPARATIVE METHOD IN HISTORICAL SOCIOLOGY, SOCIOLOGICAL ISSUES IN HEALTH CARE,
            ORGANIZATIONS & INSTITUTIONS, GRADS ARE PREPARED FOR CAREERS IN TEACHING AT THE UNIVERSITY LEVEL,
            INDUSTRIAL MANAGEMENT, REGIONAL & COMMUNITY PLANNING, ADMINISTRATION OF HOSPITALS & HEALTH CARE
            SYSTEMS, PREREQ.:MASTER'S DEGREE, 3 LETTERS OF RECOMMENDATION, GRE  SCORES, 2 EXAMPLES OF RECENT
            WRITTEN WORK,

            SOCIOLOGY
         U OF CAL LOS ANGELES, CALIFORNIA
                             32   10    28   15    22   10    19    7    16    8                          112      NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE PH.D. DEGREE IN SOCIOLOGY IS DESIGNED FOR THE  PREPARATION OF PROFESSIONAL SCHOLARS OR TEACHERS
            IN COLLEGES & UNIVERSITIES, AREAS OF STUDY & RESEARCH: THEORY & METHOD, FORMAL ORGANIZATIONS, SOCIAL
            PSYCHOLOGY, SOCIAL POLICY & APPLIED SOCIOLOGY, DEVIATION & CONTROL, SOCIAL STRATIFICATION &
            MINORITIES, POPULATION & HUMAN ECOLOGY, ETHNOMETHODOLOGY, COMPARATIVE SOCIOLOGY, POLITICAL SOCIOLOGY
            & MATHEMATICAL MODLING OF SOCIAL PROCESSES,

            SOCIOLOGY
         U OF CAL RIVERSIDE, CALIFORNIA
                              7    3     6    6     4    5     8    6     3    0     37          1           38      NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE AREAS OF SPECIALIZATION ARE URBAN SOCIOLOGY; SOCIAL PSYCHOLOGY; SOCIAL INEQUALITY WITH SUBAREAS
            OF SOCIOLOGY OF WOMEN, SOCIAL STRATIFICATION, ETHNIC GROUPS; AND LARGE SCALE ORGANIZATIONS AND
            INSTITUTIONS WITH SUBAREAS IN SOCIOLOGY OF EDUCATION,  MEDICAL SOCIOLOGY, AND ORGANIZATIONAL THEORY.
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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

                                   ***** EARNED DEGREES CONFERRED *****                                                  MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/      1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION        MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

2208        SOCIOLOGY
      U OF CAL SAN DIEGO, CALIFORNIA
                              9    3    15    1    15    2     9    3     9    1     52                    52      NO          N/A
        BRIEF PROGRAM DESCRIPTION
          PROGRAM INCLUDES A WIDE VARIETY OF SOCIOLOGY,INCLUDING EMPIRICAL RESEARCH METHODS,THEORY & PRACTICE
          IN THE FIELDS. SPECIAL INTEREST INCLUDES COMPARATIVE, HISTORICAL OR ETHNOMETHODOLOGY, SYMBOLIC
          INTERACTIONISM, PHENOMENOLOGICAL-EXISTENTIAL SOCIOLOGY, COGNITIVE SOCIOLOGY, MODERNIZATION & CHANGE,
          SOCIO-LINGUISTICS, EDUCATION, ETHNIC RELATIONS, SOCIAL STRATIFICATION, POLITICAL SOCIOLOGY, POPULAR
          CULTURE & DEVIANCE. UNDERGRADUATE WORK IN SOCIOLOGY.  SOCIAL OR BEHAVIORAL SCIENCES IS ADVISED.

            SOCIOLOGY
      U CAL SAN FRISCO MEDL CTR, CALIFORNIA
                              4    3     3    0     2    1     0 .  3     0    3     25                    25      NO          N/A
        BRIEF PROGRAM DESCRIPTION
          GRADUATE STUDY LEADING TO THE DOCTORAL DEGREE IN SOCIOLOGY IS OFFERED BY A GROUP PROGRAM AFFILIATED
          WITH THE DEPARTMENT OF SOCIAL & BEHAVIORAL SCIENCES IN THE SCHOOL OF NURSING ON THE SAN FRANCISCO
          CAMPUS.

            SOCIOLOGY
      U OF CAL SANTA BARBARA, CALIFORNIA
                             14    2    11    8    10    8    13    9     0    0     42         2          44      NO          N/A
        BRIEF PROGRAM DESCRIPTION
          FLEXIBLE REQUIREMENTS. STUDENTS MUST DEMONSTRATE COMPETENCY IN RESEARCH, METHODS, STATISTICS, AND
          THE DEVELOPMENT OF SOCIOLOGICAL THEORY. THE M.A. PROGRAM IS ORIENTED TOWARD THE PH.D. OTHER NORMAL
          GRADUATE SCHOOL REQUIREMENTS APPLY.

            SOCIOLOGY
      U OF SOUTHERN CALIFORNIA, CALIFORNIA
                              8    8     2   13    11    8     2   12     3    6                           82      NO          N/A
        BRIEF PROGRAM DESCRIPTION
          URBAN SOCIOLOGY: MARRIAGE AND THE FAMILY: SOCIOLOGY OF AGING, DEVIANCE, COMPLEX ORGANIZATIONS:
          STRATIFICATION AND MOBILITY: DEMOGRAPHY AND ECOLOGY. PREREQUISITES: GRE APTITUDE: AB OR AM.

            SOCIOLOGY
      COLORADO STATE UNIVERSITY, COLORADO
                              8    0     7    1     9    3     2    1     3    3                           24      NO          N/A
        BRIEF PROGRAM DESCRIPTION
          PROGRAMS LEAD TO M.A. & PH.D. DEGREES & PREPARE FOR COLLEGE TEACHING, SOCIAL SCIENCES ANALYST
          POSITIONS IN GOVERNMENT AGENCIES & RESEARCH ORGANIZATIONS & POSITIONS IN COMMUNITY DEVELOPMENT,
          HUMAN RELATIONS AGENCIES & OTHER AGENCIES APPLYING SOCIAL SCIENCE PRINCIPLES. DEVELOPMENTAL CHANGE
          IS THE CENTRAL FOCUS OF THE DOCTORAL PROGRAM.
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WICHE DOCTORAL PROGRAM INVENTORY
MAY 1979

HEGIS CATEGORY: 2200 SOCIAL SCIENCES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74		1974-75		1975-76		1976-77		1977-78		GRADUATE ENROLLMENT 1977-78			MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
		MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	MAST	DOCT	FULL-TIME	PART-TIME	TOTAL		
2208	SOCIOLOGY UNIVERSITY OF DENVER, COLORADO	6	2	3	4	3	2	3	1	6	1			28	NO	N/A
	SOCIOLOGY U OF HAWAII AT MANOA, HAWAII	26	2	25	3	20	3	17	5	10	2	23	28	51	NO	N/A
	SOCIOLOGY UNIVERSITY OF MONTANA, MONTANA	3	1	2	3	3	0	2	4	3	0	6	8	14	NO	N/A
	SOCIOLOGY U OF OREGON MAIN CAMPUS, OREGON	7	4	2	8	10	6	9	3	3	6	39	11	50	NO	N/A
	SOCIOLOGY BRIGHAM YOUNG U MAIN CAM, UTAH	9	1	10	0	6	6	5	2	4	3			17	NO	N/A
	SOCIOLOGY UNIVERSITY OF UTAH, UTAH	8	7	4	3	7	7	2	1	6	2				NO	N/A

BRIEF PROGRAM DESCRIPTION

TWO AREAS OF CONCENTRATION MUST BE SELECTED FROM LAW, URBAN SOCIOLOGY, ORGANIZATION, MENTAL HEALTH,EDUCATION & SOCIAL PSYCHOLOGY. GRADS ARE PREPAREDFOR TEACHING, ADMINISTRATIVE OR RESEARCH CAREERS.REQUIREMENTS FOR ADMISSIONS INCLUDE COMPETENCE INTHE CORE AREAS OF THE M.A., APTITUDE TEST SCORES FROM THE GRE. APPLICANTS WITH M.A. IN SOCIOLOGY ARE REQUIRED TO PRESENT SCORES FROM THE ADVANCED SOCIOLOGY TEST OF THE GRE.

BRIEF PROGRAM DESCRIPTION

POPULATION STUDIES, URBAN STUDIES, DEVIANCE AND SOCIAL CONTROL, SYSTEMATIC EXPOSURE TO SOCIOLOGICAL AND SOCIAL PSYCHOLOGICAL THEORIES, METHODS OF SOCIAL RESEARCH. GRADUATES ARE PREPARED FOR CAREERS IN UNIVERSITY TEACHING AND RESEARCH AND APPLIED RESEARCH. PREREQS: GRE (APTITUDE).

BRIEF PROGRAM DESCRIPTION

AREAS OF REQUIRED STUDY ARE THEORY, METHODS, STATISTICS & COMPLEX ORGANIZATIONS. SPECIAL FACILITIES: STATISTICS & DEMOGRAPHIC LABORATORIES & DATA PROCESSING EQUIPMENT. AN EARNED MASTER*S DEGREE IS REQUIRED FOR ADMISSION TO THE PROGRAM. GRADUATES ARE EMPLOYED IN HIGHER EDUCATION, GOVERNMENT & PRIVATE INDUSTRY. GRE IS REQUIRED.

BRIEF PROGRAM DESCRIPTION

PH.D. IN PREPARATION FOR PROFESSIONAL CAREERS IN TEACHING AND RESEARCH. STUDENTS RECEIVE A THOROUGH GROUNDING IN THE BASIC THEORETICAL PERSPECTIVES AND RESEARCH TOOLS OF THE DISCIPLINE AND ACHIEVE SPECIAL COMPETENCE IN INDIVIDUALLY SELECTED SUBFIELDS.

BRIEF PROGRAM DESCRIPTION

FIELDS: FAMILY SOCIOLOGY, FAMILY STUDIES, SOCIAL ORGANIZATION, SOCIAL PSYCH.

BRIEF PROGRAM DESCRIPTION

IN ADDITION TO THE SPECIALTIES OF INDIVIDUAL FACULTY MEMBERS, THE DEPARTMENT OFFERS SPECIAL PROGRAMS IN MEDICAL SOCIOLOGY, DEMOGRAPHY, AND CRIMINOLOGY.

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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

                                   *****  EARNED DEGREES CONFERRED  *****                                           MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/      1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION        MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

2208        SOCIOLOGY
         UTAH STATE UNIVERSITY, UTAH
                               5    3     8    3     5    4    10    1     7    2                           32      NO          N/A
           BRIEF PROGRAM DESCRIPTION
             DEMOGRAPHY, COMMUNITY AND RURAL SOCIOLOGY, ENVIRONMENTAL SOCIOLOGY AND HUMAN ECOLOGY, FAMILY
             SOCIOLOGY, CAREER PREPARATION FOR UNIVERSITY RESEARCH AND  TEACHING AND RESEARCH AND ADMINISTRATIVE
             POSITIONS IN GOVERNMENTAL AND PRIVATE AGENCIES. PREREQS: STUDENTS WITH UNDERGRADUATE DEGREES IN
             FIELDS OTHER  THAN SOCIOLOGY ARE GENERALLY REQUIRED TO MAKE UP  BACKGROUND DEFICIENCIES IN SOCIOLOGY
             DURING THEIRFIRST TERM OF RESIDENCE. GRE SCORES ARE REQUIRED.

            SOCIOLOGY
         UNIVERSITY OF WASHINGTON, WASHINGTON
                               7    7     8    9     8    9     9    9    15    6     62         30         92      NO          N/A
           BRIEF PROGRAM DESCRIPTION
             GRADUATE INSTRUCTION IS OFFERED IN FIFTEEN DIVISIONS WHICH ARE SUBGROUPINGS OF THE FOLLOWING FIELDS:
             METHODOLOGY, THEORY, DEMOGRAPHY-ECOLOGY, SOCIAL PSYCHOLOGY, MASS COMMUNICATIONS, THE FAMILY,
             INSTITUTIONS, ORGANIZATIONS, RACE AND STRATIFICATION, AND DISORGANIZATION AND DEVIANT BEHAVIOR.

            SOCIOLOGY
         WASHINGTON ST UNIVERSITY, WASHINGTON
                              10   16    19    9    17   17     9   22    14   11     70         12         82      NO          N/A
           BRIEF PROGRAM DESCRIPTION
             SPECIALIZED PROGRAMS IN DEPTH EXIST IN DEVIANT BEHAVIOR, SOCIOLOGY OF THE FAMILY, AND SOCIAL
             PSYCHOLOGY. OTHER SPECIALIZATIONS COVER A BROAD RANGE OF  SOCIOLOGICAL INTERESTS, SUCH AS
             DEMOGRAPHY, HUMAN  ECOLOGY, COMMUNITY ORGANIZATION, SOCIAL STRATIFICATION, AND SOCIOLOGY OF
             EDUCATION.

            SOCIOLOGY
         UNIVERSITY OF COLORADO, COLORADO
                              35    9    33   12    26    8    21    9    26   10                          119      NO          N/A
           BRIEF PROGRAM DESCRIPTION
             CURRICULAR EMPHASES OR SUBSPECIALTIES: FAMILY, SEX  ROLES & REPRODUCTION, ENVIRONMENTAL SOCIOLOGY.
             PRIMARY CAREERS: TEACHING; RESEARCH; GOVERNMENT SERVICE; ADMINISTRATION.

            SOCIOLOGY
         U OF NM MAIN CAMPUS, NEW MEXICO
                               5    0     1    0     6    0     0    0    12    0                           23      YES         YES
           BRIEF PROGRAM DESCRIPTION
             DEVELOPMENT IN PROFESSIONAL COMPETENCE IN SOCIOLOGICAL THEORIES & RESEARCH; STUDIES IN SOCIOLOGY
             OFDEVIANCE & CRIME & CRIMINAL JUSTICE; LATIN AMERICAN STUDIES WITH OTHER SUB-SPECIALTIES, IN GENERAL
             SOCIOLOGY. GRADUATE STUDENTS ARE PREPARED FOR TEACHING IN INSTITUTIONS OF HIGHER EDUCATION;
             SOCIOLOGICAL RESEARCH IN PUBLIC OR PRIVATE ORGANIZATIONS: ADMINISTRATION OF PUBLIC SERVICES IN
             GOVERNMENTAL ORGANIZATIONS. ADMISSION REQUIREMENTS: EARNED MASTER'S, GRE SCORES, GPA OF 3.0.


2208     TOTAL

                             272  114   272  126   250  140   211  141   186   89    542        130       1144
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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

                                 ***** EARNED DEGREES CONFERRED *****
HEGIS  NAME OF PROGRAM/      1973-74   1974-75   1975-76   1976-77   1977-78   GRADUATE ENROLLMENT 1977-78  MANDATORY    CEILING
CODE     INSTITUTION        MAST DOCT MAST DOCT MAST DOCT MAST DOCT MAST DOCT  FULL-TIME  PART-TIME  TOTAL  CEILING ON   LEVEL
                                                                                                            ENROLLMENT   REACHED
         COUNT

                              24



2209        CRIMINOLOGY
         U OF CAL BERKELEY, CALIFORNIA
                              16   15    8    8    3   11    0    6    0    0      6          0         6      YES          NO


2209     TOTAL

                              16   15    8    8    3   11    0    6    0    0      6          0         6


         COUNT

                               1



2210        INTERNATIONAL RELATIONS
         CLAREMONT GRADUATE SCHOOL, CALIFORNIA
                               3    4    5    7    2    2    4    4    4    5     22         34        56      NO           N/A
          BRIEF PROGRAM DESCRIPTION
            DESIGNED TO ADAPT GRADUATE STUDY TO THE NEEDS ANDINTERESTS CREATED BY THE PRESENT WORLD
            SITUATION.PROGRAMS ARE INDIVIDUALIZED AND INTERDISCIPLINARY,WITH SPECIAL ATTENTION TO THEORETICAL
            CONCEPTS AND  THE BEHAVIORAL APPROACH.

           INTERNATIONAL RELATIONS
         U OF SOUTHERN CALIFORNIA, CALIFORNIA
                              88    3   65    1   75    1   92    5   71    6                          286      NO           N/A
          BRIEF PROGRAM DESCRIPTION
            MIDDLE EASTERN, FAR EASTERN, AFRICAN, LATIN AMERICAN, SOVIET, U.S. FOREIGN POLICY; SECURITY AFFAIRS;
            PROPAGANDA; INTERNATIONAL SYSTEMS ANALYSIS. PREREQUISITES: GRE APTITUDE; AB IN SOCIAL SCIENCES.
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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

                                ***** EARNED DEGREES CONFERRED *****                                                MANDATORY     CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78   CEILING ON    LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME   PART-TIME   TOTAL   ENROLLMENT    REACHED

2210        INTERNATIONAL STUDIES
       UNIVERSITY OF DENVER, COLORADO
                             19   13    21   10    37   12    21    9    17    4     51          29         80       NO            N/A
         BRIEF PROGRAM DESCRIPTION
           PROGRAM EMPHASES: INTERNATIONAL POLITICS, LAW & ORGANIZATION: FOREIGN POLICY STUDIES: COMPARATIVE
           FUNCTIONAL & AREA PROBLEMS: INTERNATIONAL ECONOMICS:  DIPLOMATIC HISTORY: TECHNOLOGY &
           MODERNIZATION: &  RESEARCH & TEACHING METHODS. PREP FOR GOVERNMENTSERVICE, INTERNATIONAL
           ORGANIZATIONS & INTERNATIONAL COMMERCE: CAREERS IN TEACHING IN HIGHER EDUCATION: & CAREERS IN
           TRAINING RESEARCHERS. PREREQS FOR  ADMISSIONS INCLUDE: SCORES FROM THE APTITUDE TEST  OF THE GRE.

            INTERNATIONAL RELATIONS
       CAL INST OF ASIAN STUDIES, CALIFORNIA
                              0    0     1    1     0    0     0    0     0    0                                   NO            N/A



2210       TOTAL

                            110   20    92   19   114   15   117   18    92   15     73          63        422



           COUNT

                              4



2214        URBAN STUDIES
       PORTLAND STATE UNIVERSITY, OREGON
                              0    2     1    1    11    1    19    7    14    1     53          28         81       NO            N/A
         BRIEF PROGRAM DESCRIPTION
           ALTERNATIVE APPROACHES TO URBAN PROBLEMS AND PROCESSES BASED ON PARTICIPATING SOCIAL SCIENCE
           DISCIPLINES: METHODOLOGICAL EMPIRICAL TECHNIQUES EMPLOYED  BY THE SOCIAL SCIENCES IN THE
           INVESTIGATION OF URBAN PHENOMENA: URBAN LIFE STYLES AND HUMAN DEVELOPMENT: URBAN AND REGIONAL
           STRUCTURE: POLICY ANALYSIS: CRIMINAL JUSTICE. CAREER PREPARATION FOR EMPLOYMENT IN UNIVERSITY
           TEACHING OR SOCIAL RESEARCH ORGANIZATIONS.

2214       TOTAL

                              0    2     1    1    11    1    19    7    14    1     53          28         81
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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	COUNT	1														
2215	DEMOGRAPHY U OF CAL BERKELEY, CALIFORNIA	3	3	0	1	0	1	0	1	0	0	2	0	2	YES	NO
2215	TOTAL	3	3	0	1	0	1	0	1	0	0	2	0	2		
	COUNT	1														
2299	OTHER SOCIAL SCIENCES US INTERNATIONAL U, CALIFORNIA	94	79	70	75	91	106	53	118	48	61	295	449	744	NO	N/A
2299	TOTAL	94	79	70	75	91	106	53	118	48	61	295	449	744		
	COUNT	1														

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HEGIS CATEGORY: 2200 SOCIAL SCIENCES

                               ***** EARNED DEGREES CONFERRED  *****                                      MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78 CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

CATEGORY TOTAL

                          1672  909  1584  919  1632  903  1494  920  1247  563    3817       1657      8637


        COUNT

                           136
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HEGIS CATEGORY: 2300 THEOLOGY

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                                *****  EARNED DEGREES CONFERRED  *****                                            MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME   TOTAL  ENROLLMENT  REACHED

2301        D. MIN.
       AMER BAPT SEM W-BERKELEY, CALIFORNIA
                             0    0     0    1     0    4     0    4     0    1      6          3          9        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE DOCTOR OF MINISTRY DEGREE IS AN ADVANCED PROFESSIONAL DEGREE FOR THOSE WHO HAVE COMPLETED
           THEIRBASIC THEOLOGICAL TRAINING AND HAVE HAD AT LEAST THREE YEARS OF FULL-TIME PROFESSIONAL MINISTRY
           AFTER GRADUATION FROM SEMINARY. ITS PURPOSE IS TO ENABLE THE STUDENT TO DEVELOP GREATER COMPETENCE
           IN MINISTRY THROUGH INTENSIVE RESEARCH AND EXPERIENCE IN INTEGRATING BIBLICAL, THEOLOGICAL AND
           HISTORICAL  INSIGHTS WITH THE PRACTICE OF MINISTRY.

          THEOLOGICAL PROFESSIONS
       FULLER THEOLOGICAL SEM, CALIFORNIA
                            56   29    85   24    96   38   133   36   128   38    389        262        651        NO          N/A


          SYST.-PHILOSOPHCL THEOLOGY-PHILOSOPHY OF RELIGION
       GRADUATE THEOL UNION, CALIFORNIA
                             9   11     9    8    11    8     9    6     5    3                           79        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           INCLUDES PROGRAMS IN SYSTEMATIC AND PHILOSOPHICAL  THEOLOGY AND IN PHILOSOPHY OF RELIGION. EXPLORES
           THE CONTEXT IN WHICH THEOLOGY TODAY IS DONE THROUGH PRINCIPAL FIGURES. IMPORTANT MOVEMENTS.
           CENTRALQUESTIONS AND PUBLICATIONS WHICH ARE IMPORTANT FORINFLUENCING THE THEOLOGY OF THE PERIOD.

          THEOLOGICAL PROFESSIONS
       PACIFIC SCH OF RELIGION, CALIFORNIA
                             0    8    18    6    13    2     0    0     0    0                                      NO          N/A


          THEOLOGICAL PROFESSIONS
       SAN FRANCISCO THEOL SEM, CALIFORNIA
                             4   36     8   38     4   42     0    0     0    0                                      NO          N/A


          THEOLOGICAL PROFESSIONS
       SCH OF THEO AT CLAREMONT, CALIFORNIA
                            10   27     5   34     5   35     2   38    41   37    130        142        272        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PROFESSIONAL DEGREE WHICH THOROUGHLY PREPARES STUDENT FOR ORDINATION INTO THE MINISTRIES OF THE
           CHURCH. INTERNSHIP REQUIRED. PREREQUIS. FOR ADMISSION:  B.A. DEGREE OR EQUIVALENT DEGREE. GRE
           SCORES.
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HEGIS CATEGORY: 2300 THEOLOGY

                                  ***** EARNED DEGREES CONFERRED  *****
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  MANDATORY    CEILING
CODE     INSTITUTION     MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  CEILING ON   LEVEL
                                                                                                             ENROLLMENT   REACHED
2301        THEOLOGICAL PROFESSIONS
        ILIFF SCHOOL OF THEOLOGY, COLORADO
                            7    1     8    3     9    1     8    1     1    0       5         59         64       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE MASTER OF ARTS IN RELIGION DEGREE IS AN ACADEMIC MASTERS DEGREE. ON THE THEOLOGICAL LINE WE HAVE
            INDICATED STUDENTS WHO HAVE BEEN AWARDED THE DOCTOR OF THEOLOGY DEGREE. AN ACADEMIC DOCTORATE IN THE
            FIELD OF RELIGION. ON 2399 WE HAVE INDICATED THE  NUMBER OF STUDENTS WHO HAVE BEEN AWARDED THE
            DOCTOR OF MINISTRY DEGREE. A PROFESSIONAL DEGREE IN THEOLOGY AT THE DOCTORAL LEVEL.

           THEOLOGICAL PROFESSIONS
        WESTERN CONS BAPTIST SEM. OREGON
                           44    1    62    2    61    7    89   10    89    6     324        194        518       NO          N/A



2301     TOTAL

                          130  113   195  116   199  137   241   95   264   85     854        660       1593


         COUNT

                            8



2302        RELIGION/THEOLOGY OF THE ARTS
        GRADUATE THEOL UNION, CALIFORNIA
                            0    2     0    0     0    4     0    0     0    1                           21       NO          N/A
          BRIEF PROGRAM DESCRIPTION
            PROGRAM ASSISTS STUDENTS IN BUILDING BRIDGES BETWEEN THEOLOGY AND THE ARTS. WHETHER AS ARTISTS,
            TEACHERS OR CRITICS OF THE CREATIVE PROCESSES. IT IS ASSUMED THAT THE STUDENT HAS BOTH AN ART FORM
            AND SOME THEOLOGICAL STUDY. THE PROGRAM IS DESIGNED TO  ADVANCE THE STUDENT'S PRIOR ACCOMPLISHMENTS
            IN ONE OF THE FOUNDATIONAL FIELDS AND TO ACHIEVE COMPETENCE IN HIS OR HER UNDEVELOPED FIELD.

2302     TOTAL

                            0    2     0    0     0    4     0    0     0    1       0          0         21


         COUNT

                            1
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HEGIS CATEGORY: 2300 THEOLOGY

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
2303	BIBLICAL STUDIES GRADUATE THEOL UNION, CALIFORNIA	2	2	1	2	1	2	0	1	2	3			30	NO	N/A

BRIEF PROGRAM DESCRIPTION

WORK IS DONE IN THE ENTIRE BIBLICAL CORPUS: THE JEWISH AND CHRISTIAN CANONICAL, DEUTEROCANONICAL AND EXTRA-CANONICAL SCRIPTURES, THE BACKGROUND LITERATURE OF EARLY ISRAEL , BIBLICAL AND POST BIBLICAL JUDAISM, EARLY CHRISTIANITY. THE CRITICAL STUDY OF PRIMARY TEXTS IS EMPHASIZED, AND SKILL IN APPROPRIATE LANGUAGES IS AN INDISPENSIBLE PREREQUISITE.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
2303	TOTAL	2	2	1	2	1	2	0	1	2	3	0	0	30		
	COUNT	1														
2304	RELIGION AND EDUCATION GRADUATE THEOL UNION, CALIFORNIA	1	3	1	1	0	1	0	0	1	2			13	NO	N/A

BRIEF PROGRAM DESCRIPTION

DEVELOPMENT OF RESEARCH SKILLS TO ADDRESS PROBLEMS IN THE FIELD OF EDUCATION. THE STATEMENT AND PURSUIT OF THE PROBLEM TO BE STUDIED MUST BE INFORMED BY THE STUDENT'S THEOLOGICAL PERSPECTIVE OR RELIGIOUS TRADITION.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
2304	TOTAL	1	3	1	1	0	1	0	0	1	2	0	0	13		
	COUNT	1														

661

662

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HEGIS CATEGORY: 2300 THEOLOGY

                                 *****  EARNED DEGREES CONFERRED  *****                                                  MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/      1973-74     1974-75     1975-76     1976-77     1977-78    GRADUATE ENROLLMENT 1977-78   CEILING ON   LEVEL
CODE     INSTITUTION        MAST DOCT   MAST DOCT   MAST DOCT   MAST DOCT   MAST DOCT   FULL-TIME   PART-TIME  TOTAL   ENROLLMENT   REACHED

2395        RELIGION AND THE PERSONALITY SCIENCES
         GRADUATE THEOL UNION, CALIFORNIA
                              0    2      0    1      0    0      0    0      0    2                             20        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             COMBINES THEOLOGY AND THE BEHAVIORAL SCIENCES (PSYCHOLOGY, SOCIOLOGY, ANTHROPOLOGY) IN A CLINICALLY
             ORIENTED PROGRAM TO PREPARE STUDENTS FOR A COUNSELING MINISTRY. STUDENTS MUST HAVE A FIRST
             PROFESSIONAL THEOLOGICAL DEGREE OR ITS EQUIVALENT (THREE YEARS OF FULL TIME THEOLOGICAL STUDY) AND
             SUFFICIENT BACKGROUND IN THE BEHAVIORAL SCIENCES TO ASSUME  GRADUATE WORK IN THESE FIELDS.


2395     TOTAL

                              0    2      0    1      0    0      0    0      0    2       0           0          20



         COUNT

                              1



2396        RELIGION AND SOCIETY
         GRADUATE THEOL UNION, CALIFORNIA
                              1    1      0    1      0    1      1    3      0    0                             21        NO          N/A
           BRIEF PROGRAM DESCRIPTION
             COMBINES RELIGIOUS ETHICS AND SOCIAL SCIENCES. A CONCENTRATION IN SOCIAL ETHICS ATTENDS TO ETHICAL
             THEORY AND HISTORY, ANALYSIS AND POLICY AS RELATED  TO POLITICS, ECONOMICS, MEDICINE, LAW, EDUCATION
             OR ENVIRONMENTAL PLANNING. A CONCENTRATION IN THESTUDY OF RELIGION AS A CULTURAL AND SOCIAL
             PHENONENON ATTENDS TO THEORY, METHODOLOGY AND RESEARCH INTHE SOCIOLOGY OF RELIGION, CULTURAL
             ANTHROPOLOGY AND OTHER RELATED DISCIPLINES.

2396     TOTAL

                              1    1      0    1      0    1      1    3      0    0       0           0          21



         COUNT

                              1
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HEGIS CATEGORY: 2300 THEOLOGY

                              ***** EARNED DEGREES CONFERRED *****                                                        MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE      INSTITUTION     MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

2397         HISTORICAL STUDIES
        GRADUATE THEOL UNION, CALIFORNIA
                            2    3     1    1     1    1     2    1     2    2                            43        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            EMPHASIZES CONCENTRATIONS IN THE REFORMATION PERIOD AND IN AMERICAN THEOLOGY AND RELIGIOUS HISTORY
            ALTHOUGH OTHER AREAS IN THE HISTORY OF THEOLOGY ANDCHURCH HISTORY MAY BE DEVELOPED BY THE STUDENT.

2397    TOTAL

                            2    3     1    1     1    1     2    1     2    2       0          0          43


        COUNT

                            1



2398         NEAR EASTERN RELIGIONS
        GRADUATE THEOL UNION, CALIFORNIA
                            0    0     0    0     0    0     0    0     0    2                             5        NO          N/A
          BRIEF PROGRAM DESCRIPTION
            THE UNIVERSITY OF CALIFORNIA, BERKELEY, AND THE GTU OFFER A UNIQUE JOINT PH.D. PROGRAM WHICH PROBES
            IN DEPTH THE ARCHAELOGY, HISTORY, LANGUAGES, LITERATURES AND THOUGHT PATTERNS OF THE CULTURES OF THE
            ANCIENT NEAR EAST AND EGYPT, WITH EMPHASIS ON THE VARIOUS FORMS OF RELIGIOUS EXPRESSION INDIGENOUSTO
            THEM.

2398    TOTAL

                            0    0     0    0     0    0     0    0     0    2       0          0           5


        COUNT

                            1



2399         OTHER THEOLOGY
        FULLER THEOLOGICAL SEM, CALIFORNIA
                            0    0     0    5     0    0     0    0     0    0                                       NO          N/A
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HEGIS CATEGORY: 2300 THEOLOGY

                                ***** EARNED DEGREES CONFERRED *****                                               MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

2399        THE HISTORY AND PHENOMENOLOGY OF RELIGIONS
         GRADUATE THEOL UNION, CALIFORNIA
                            2    0     3    0     0    2     4    0     1    1                          29      NO          N/A
          BRIEF PROGRAM DESCRIPTION
            EMPHASIZES THE INTERCULTURAL AND INTERDISCIPLINARY  STUDY OF THE EXPERIENCE OF RELIGIOUS PHENOMENA.
            FIELDS OF CONCENTRATION INCLUDE NON-WESTERN RELIGIOUS TRADITIONS, CHRISTIAN SPIRITUALITY, AMERICAN
            RELIGIOUS CONSCIOUSNESS, THE PHENOMENOLOGICAL METHOD, AND INTER-CULTURAL THEMES SUCH AS MYSTICISM,
            MYTH, SYMBOL, RITUAL, SCRIPTURE AND SOCIAL VISION.RADUATE WORK IN THESE FIELDS.ND OTHER RELATED
            DISCIPLINES.

            OTHER THEOLOGY
         SCH OF THEO AT CLAREMONT, CALIFORNIA
                            4    6     9    6    18    6    13    2     9    6                                  YES         YES
          BRIEF PROGRAM DESCRIPTION
            TO EDUCATE STUDENTS WITH UNUSUAL PROMISE AND ACADEMIC ABILITY FOR TEACHING IN COLLEGE OF THEOLOGICAL
            SCHOOLS AND FOR PROFESSIONAL LEADERSHIP IN THE CHURCH AND SOCIETY. PREREQUIS FOR ADMISSION: MASTEROF
            DIVINITY/DOCTOR OF MINISTRY DEGREE OR EQUIVALENT DEGREE. GRE SCORES.

            OTHER THEOLOGY
         ILIFF SCHOOL OF THEOLOGY, COLORADO
                            0    1     0    1     0    2     0    1     0    4                                  NO          N/A



            COUNSELING AND PASTORAL PSYCHOLOGY
         WESTERN CONS BAPTIST SEM, OREGON
                            0    0     0    0     0    0     0    0     0    0                          15      YES         YES



2399     TOTAL

                            6    7    12   12    18   10    17    3    10   11       0          0        44


         COUNT

                            5



CATEGORY TOTAL

                          142  133   210  134   219  156   261  103   279  108     854        660      1790
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WICHE DOCTORAL PROGRAM INVENTORY
MAY 1979

HEGIS CATEGORY: 2300 THEOLOGY

		***** EARNED DEGREES CONFERRED *****														
HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	1973-74 DOCT	1974-75 MAST	1974-75 DOCT	1975-76 MAST	1975-76 DOCT	1976-77 MAST	1976-77 DOCT	1977-78 MAST	1977-78 DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
	COUNT															
		20														

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HEGIS CATEGORY: 4900 INTERDISCIPLINARY STUDIES

                                ***** EARNED DEGREES CONFERRED *****                                           MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE      INSTITUTION     MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

4902        GENERAL SCIENCE
        OREGON STATE UNIVERSITY, OREGON
                            6    2     10    2     5    4     3    3    10    3      25          8       33       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            THE DEPARTMENT OF GENERAL SCIENCE OFFERS GRADUATE  PROGRAMS LEADING TO THE MASTER OF ARTS, MASTER
            OFSCIENCE, AND DOCTOR OF PHILOSOPHY DEGREES. GRADUATE PROGRAMS IN THE DEPARTMENT ARE BROAD,
            INTEGRATED, AND INTERDISCIPLINARY IN NATURE. MAJOR CURRICULAIN BIOLOGICAL SCIENCE, PHYSICAL SCIENCE,
            AND RADIATION BIOLOGY ARE OFFERED AS BOTH MASTER'S AND DOCTORAL DEGREE LEVELS. ONLY MASTER'S DEGREES
            ARE AVAILABLE IN HISTORY OF SCIENCE AND RADIOLOGICAL HEALTH.

            BIO AND PHY SCI
        OREGON GRADUATE CENTER, OREGON
                            0    0      0    1     0    0     0    0     0    0                                          NO         N/A



4902    TOTAL

                            6    2     10    3     5    4     3    3    10    3      25          8       33


        COUNT

                            2



4903        HUMANITIES
        STANFORD UNIVERSITY, CALIFORNIA
                            0    1      0    0     0    0     2    0     2    0                           2       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            PROGRAM SUPPLEMENTS PH.D. PROGRAMS IN OTHER ACADEMIC DISCIPLINES. DEGREE ARE GRANTED JOINTLY BY BOTH
            DEPARTMENTS. AREAS OF STUDY INCLUDE AMERICAN STUDIES AND MEDIEVIL STUDIES.

            COMPARATIVE CULTURE
        U OF CAL IRVINE, CALIFORNIA
                            0    2      0    3     0    4     0    6     5    1                          28       NO         N/A
          BRIEF PROGRAM DESCRIPTION
            FOCUSES UPON THE CULTURES OF THE UNITED STATES, INCLUDING DOMINANT AND MINORITY CULTURES AND THEIR
            ANTECEDENTS, WITH EMPHASIS UPON THE EXPRESSIVE FORMS OF CULTURE (LITERATURE, RELIGION, MYTH, AND
            THEARTS) AND SOCIAL INQUIRY (HISTORY AND THE SOCIAL SCIENCES). ADMISSION REQUIREMENTS: APPROPRIATE
            UNDERGRADUATE PREPARATION; GRE APTITUDE TEST. NOTE: COMPARATIVE CULTURE EXCLUDES MAT DEGREES.
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HEGIS CATEGORY: 4900 INTERDISCIPLINARY STUDIES

                                 ***** EARNED DEGREES CONFERRED  *****                                        MANDATORY   CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON  LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT  REACHED

4903        IBERO-AMERICAN HIST.
         U OF NM MAIN CAMPUS, NEW MEXICO
                            0    4     0    1     0    2     0    0     0    0                         11        NO         N/A
           BRIEF PROGRAM DESCRIPTION
             INTERDISCIPLINARY DOCTORATE DESIGNED TO PRODUCE TEACHING AND RESEARCH CAPABILITY IN THE HISTORIES
             AND LITERATURES OF THE SPANISH AND PORTUGUESE AMERICAS TOGETHER WITH THEIR IBERIAN ANTECEDENTS.
             EMPHASES INCLUDE SCIENTIFIC ANALYSIS OF EVENTS AS WELL AS THE STUDY OF AESTHETIC REACTIONS TO THEM.
             PRINCIPAL FIELDS: COLONIAL LATIN AMERICAN HISTORY, MODERN AND CONTEMPORARY LATIN AMERICAN HISTORY,
             SPANISH  AMERICAN LITERATURE AND LUSO-AMERICAN LITERATURE.


4903     TOTAL

                            0    7     0    4     0    6     2    6     7    1      0          0          41


         COUNT

                            3



4904        MINERAL ECONOMICS
         UNIVERSITY OF ARIZONA, ARIZONA
                            0    0     0    0     0    0     0    0     3    0      6          1           7        NO         N/A
           BRIEF PROGRAM DESCRIPTION
             AN EMERGING FIELD OF APPLIED ECONOMICS ENCOMPASSING THE INTERFACE OF MINERALS ENGINEERING AND EARTH
             SCIENCE WITH THE BUSINESS OF MINERAL PRODUCTION AND THE WELFARE OF SOCIETY.

            ENVIRONMENTAL SCIENCE AND ENGINEERING
         U OF CAL LOS ANGELES, CALIFORNIA
                            0    1     0    4     0    2     0    6     0    8                         41        NO         N/A


4904     TOTAL

                            0    1     0    4     0    2     0    6     3    8      6          1          48


         COUNT

                            2
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HEGIS CATEGORY: 4900 INTERDISCIPLINARY STUDIES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-79 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
4991	PUBLIC POLICY U OF CAL BERKELEY, CALIFORNIA	0	0	0	0	0	0	7	1	0	0	30	0	30	YES	NO
4991	TOTAL	0	0	0	0	0	0	7	1	0	0	30	0	30		
	COUNT	1														
4992	INTERDISCIPLINARY PROGRAMS U OF CAL BERKELEY, CALIFORNIA	28	0	30	0	24	0	34	2	0	0	65	0	65	NO	N/A
	ENVIRONMENTAL SCIENCES AND RESOURCES PORTLAND STATE UNIVERSITY, OREGON	0	2	0	0	0	2	0	1	0	3	30	0	30	NO	N/A

BRIEF PROGRAM DESCRIPTION

ENVIRONMENTALLY RELATED RESEARCH SUPPORTED BY ADVANCED ACADEMIC SPECIALTY TRAINING IN BIOLOGY, CHEMISTRY, OR PHYSICS. CAREER PREPARATION FOR EMPLOYMENT IN UNIVERSITY TEACHING, INDUSTRIAL, OR GOVERNMENTAL RELATED POSITIONS. PREREQUISITES: UNDERGRADUATE DEGREE WITH A MAJOR IN BIOLOGY, CHEMISTRY, OR PHYSICS; ACCEPTABLE GRE SOCPE; MINIMUM GPA OF 3.0 IN UNDERGRADUATE UPPER DIVISION COURSES OR IN ALL GRADUATE CREDIT.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
4992	TOTAL	28	2	30	0	24	2	34	3	0	3	95	0	95		
	COUNT	2														

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HEGIS CATEGORY: 4900 INTERDISCIPLINARY STUDIES

                                ***** EARNED DEGREES CONFERRED  *****                                           MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/    1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION      MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

4993        LOGIC & METHODOLOGY
       U OF CAL BERKELEY, CALIFORNIA
                           0    1     0    4     0    0     0    1     0    0       10         0        10       YES        NO


            SYSTEMS SCIENCE
       PORTLAND STATE UNIVERSITY, OREGON
                           0    1     0    1     0    0     0    3     0    2       18        14        32       NO         N/A
         BRIEF PROGRAM DESCRIPTION
           DESIGN AND MANAGEMENT OF COMPLEX SYSTEMS: DISCIPLINARY CONCENTRATIONS IN MANAGEMENT, ECONOMIC
           POLICY, ENGINEERING, OR MATHEMATICS. IN-DEPTH TRAINING IN METHODOLOGICAL TECHNIQUES. CAREER
           PREPARATION FOR EMPLOYMENT IN INDUSTRIAL, GOVERNMENTAL, RESEARCH, AND PUBLIC SERVICE ORGANIZATIONS.

4993       TOTAL

                           0    2     0    5     0    0     0    4     0    2       28        14        42


           COUNT

                           2


4994        MEDICAL ANTHROPOLOGY
       U OF CAL BERKELEY, CALIFORNIA
                           0    0     0    0     0    0     0    0     0    0        7         0         7       YES        NO


4994       TOTAL

                           0    0     0    0     0    0     0    0     0    0        7         0         7


           COUNT

                           1
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HEGIS CATEGORY: 4900 INTERDISCIPLINARY STUDIES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
4995	SCIENCE/MATH EDUC. U OF CAL BERKELEY, CALIFORNIA	0	1	0	1	0	1	0	5	0	0	15	0	15	YES	NO
4995	TOTAL	0	1	0	1	0	1	0	5	0	0	15	0	15		
	COUNT	1														
4998	HISTORY OF CONSCIOUSNESS U OF CAL SANTA CRUZ, CALIFORNIA	0	7	0	4	0	6	0	6	0	6	42		42	NO	N/A

BRIEF PROGRAM DESCRIPTION

AN INTER-DISCIPLINARY PROGRAM IN THE HUMANITIES & SOCIAL SCIENCES DESIGNED TO PROMOTE ADVANCED WORKIN TOPICS & SUBJECTS WHICH ARISE AT THE INTERSECTION OF MORE TRADITIONAL DISCIPLINES. THE PROGRAM EMBRACES BOTH HISTORY OF THE WAYS THAT HUMANITY HAS ORGANIZED ITSELF FOR THE REALIZATION OF DIFFERENTCULTURAL GOALS & THE ANALYSIS OF FUNDAMENTAL IDEASOF HUMAN NATURE, SOCIETY & COMMUNITY THAT INFORM SOCIAL PRAXIS.

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
4998	TOTAL	0	7	0	4	0	6	0	6	0	6	42	0	42		
	COUNT	1														

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HEGIS CATEGORY: 4900 INTERDISCIPLINARY STUDIES

                                   ***** EARNED DEGREES CONFERRED  *****                                         MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE     INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL  ENROLLMENT   REACHED

4999        OTHER INTERDISC STUDIES
      U OF ALASKA FAIRBANKS, ALASKA
                            0    1     0    0     0    0     0    1     0    0       7          10        17       NO          N/A
        BRIEF PROGRAM DESCRIPTION
          OPPORTUNITY IS PROVIDED FOR STUDENTS WITH WELL DEFINED GOALS TO PURSUE A DOCTORAL PROGRAM IN AN AREA
          IN WHICH THERE IS NOT AN ESTABLISHED PH.D. DEGREE  OR IN A PROGRAM WHICH INCLUDES SEVERAL
          DISCIPLINES.

         ARID LANDS RESOURCE SCIENCES
      UNIVERSITY OF ARIZONA, ARIZONA
                            0    1     0    0     0    1     0    0     0    0       2           1         3       NO          N/A
        BRIEF PROGRAM DESCRIPTION
          THE PROGRAM INCLUDES SPECIAL INTERDISCIPLINARY CONCENTRATIONS COMBINING ASPECTS OF THE BIOLOGICAL,
          PHYSICAL, AND SOCIAL SCIENCES. THIS IS AVAILABLE FOR ADVANCED STUDENTS WITH PROMISING RESEARCH
          PROJECTS AND STRONG INTERESTS IN ARID LANDS.

         GRADUATE DIVISION SPECIAL PROGRAMS
      STANFORD UNIVERSITY, CALIFORNIA
                            0    0     0    0     0   10     0    8     0                                  12       NO          N/A
        BRIEF PROGRAM DESCRIPTION
          INDIVIDUAL CURRICULA FOR STUDENTS WHOSE STUDY PLANS DO NOT FALL WITHIN THE PROVINCE OF ANY ONE
          DEPARTMENT.

         SOCIAL ECOLOGY
      U OF CAL IRVINE, CALIFORNIA
                            0    0     7    0    26    0    24    0    30    0      44          28        72       NO          N/A
        BRIEF PROGRAM DESCRIPTION
          EMPHASIZES THE STUDY OF CONTEMPORARY PROBLEMS FROM  THE PERSPECTIVE OF A MULTI-DISCIPLINARY FACULTY
          (COMMUNITY, ENVIRONMENTAL, SOCIAL & DEVELOPMENTAL PSYCHOLOGY; PLANNING; LAW; POLITICAL SCIENCE;
          SOCIOLOGY; CRIMINOLOGY; ENVIRONMENTAL HEALTH; ECOLOGY;& BIOLOGY). PREPARATION FOR ACADEMIC OR
          RESEARCH CAREERS IN THE DEVELOPMENT OR ADMINISTRATION OF COMMUNITY SERVICE PROGRAMS.

         INDIVIDUAL PH.D.
      U OF CAL LOS ANGELES, CALIFORNIA
                            0    0     0    1     0    2     0    0     0    0                                   9       NO          N/A
        BRIEF PROGRAM DESCRIPTION
          THE INDIVIDUAL PH.D. PROGRAM HAS BEEN ESTABLISHED  TO ALLOW SUPERIOR STUDENTS TO PURSUE
          WELL-DEFINED, SCHOLARLY, COHERENT PROGRAMS THAT CANNOT BE CARRIED OUT WITHIN ANY EXISTING DOCTORAL
          PROGRAM ON ANY CAMPUS OF THE UNIVERSITY OF CALIFORNIA.

         MEDICAL ANTHROPOLOGY
      U CAL SAN FRISCO MEDL CTR, CALIFORNIA
                            0    0     0    0     0    0     0    0     0    0      17                   17       NO          N/A
        BRIEF PROGRAM DESCRIPTION
          THE MAJOR OBJECTIVE OF THE PROGRAM IS TO TRAIN STUDENTS IN THE NATURE & OPERATION OF THE MEDICAL
          WORLD & ON THE PLACE OF THE SOCIAL SCIENCES (SPECIFICALLY, ANTHROPOLOGY) IN IT; AND ON HOW ONE*S
          EXPERTISE AS A SOCIAL SCIENTIST CAN BE BROUGHT TO BEAR ON THE PROBLEMS THAT ARISE IN SUCH SETTINGS.
          THE EMPHASIS HERE IS ON PREPARING STUDENTS FOR CAREERS IN RESEARCH, TEACHING & SERVICE, EMPHASIZING
          ANTHROPOLOGICAL PERSPECTIVES ON HEALTH-RELATED ISSUES.
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HEGIS CATEGORY: 4900 INTERDISCIPLINARY STUDIES

                                 ***** EARNED DEGREES CONFERRED  *****                                   MANDATORY    CEILING
HEGIS  NAME OF PROGRAM/     1973-74    1974-75    1975-76    1976-77    1977-78   GRADUATE ENROLLMENT 1977-78  CEILING ON   LEVEL
CODE    INSTITUTION       MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  MAST DOCT  FULL-TIME  PART-TIME  TOTAL   ENROLLMENT   REACHED

4999        OTHER INTERDISC STUDIES
       U OF CAL SANTA BARBARA, CALIFORNIA
                            0    0    1    2    6    4    5    0    0    0     24          2         26        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           VARIES DEPENDING ON THE SPECIFIC PROGRAM.

            INTERDISCIPLINARY PROGRAM IN SOCIOLOGY
       U OF CAL SANTA CRUZ, CALIFORNIA
                            0    0    0    0    0    0    0    0   16    0     19                    19        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           PROGRAM FOCUSES ON (1)INSTITUTIONAL ANALYSIS, POLITICAL ECONOMY & SOCIAL ANALYSIS & (2)SOCIAL
           MOVEMENTS & SOCIAL CHANGE. THE PROGRAM IS INTENDED TO LEAD TO NON-ACADEMIC AS WELL AS ACADEMIC JOBS.
           STUDENTS USE COMPARATIVE & HISTORICAL ANALYSIS AS WELL  AS FIELD WORK TO  TUDY MACRO-SOCIOLOGICAL
           PROCESSES, MICRO-SOCIOLOGICAL PROCESSES & THE DEGREE TO WHICH MACRO & MICR. CHANGES ARE LIMITED BY &
           DEPENDENT UPON EACH OTHER.

            ED. CHANGE AND DEVELOPMENT
       U OF NORTHERN COLORADO, COLORADO
                            3   11   14   19   22   20   17   31   13   22                               43        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE ED.D. IN SECD IS AVAILABLE FOR STUDENTS WHO WISH TO PURSUE INNOVATIVE PROGRAMS LEADING TO A
           DEGREE WHICH DOES NOT DUPLICATE ANY ACADEMIC PROGRAM OF THE UNIVERSITY. IT EXISTS AS AN OPTION FOR
           THOSESTUDENTS WHO WISH TO PURSUE PROGRAMS THAT REQUIRE  THE USE OF THE TOTAL RESOURCES OF THE
           UNIVERSITY.THE PROGRAMS ARE INTERDISCIPLINARY IN NATURE AND MAY USE THE RSOURCES OF THE COMMUNITY,
           STATE, AND NATION.

            OTHER INTERDISC STUDIES
       UNIVERSITY OF WASHINGTON, WASHINGTON
                            0    9    0    2    0    4    0    4    0    2     27         16         43        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           THE FOLLOWING PROGRAMS ARE OFFERED: APPLIED MATHEMATICS, BIOLOGY TEACHING, BIOMATHEMATICS,
           COMPARATIVE LITERATURE, EAST ASIAN STUDIES, HEALTH SERVICES  ADMINISTRATION AND PLANNING,
           PHYSIOLOGY, PSYCHOLOGY, RADIOLOGICAL SCIENCES, RUSSIAN AND EAST EUROPEAN STUDIES, SOCIAL WELFARE,
           SOUTH ASIAN STUDIES.

            POLICY ANALYSIS
       RAND GRAD INST POL STDIES, CALIFORNIA
                            0    0    0    3    0    0    0    0    0    7     41          0         41        NO          N/A
         BRIEF PROGRAM DESCRIPTION
           POLICY ANALYSIS IS DEFINED AS THE APPLICATION OF SYSTEMATIC METHODS TO PROBLEMS OF PUBLIC POLICY AND
           CHOICE IN DOMESTIC, INTERNATIONAL, & NATIONAL SECURITY AFFAIRS. THE PROGRAM CONSISTS OF THREE
           SEGMENTS: CONCEPTS & THEORY FOR POLICY SCIENCES, TOOLS& TECHNIQUES, & APPLIED RESEARCH ON ONGOING
           PROJECTS OF THE RAND CORPORATION. ADMISSION REQUIREMENTS  INCLUDE A MASTER'S DEGREE OR TRAINING OR
           EXPERIENCE EQUIVALENT TO A POSTBACHELOR'S DEGREE & RELEVANT TO ADVANCED WORK AT THE RAND GRADUATE
           INSTITUTE.
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HEGIS CATEGORY: 4900 INTERDISCIPLINARY STUDIES

HEGIS CODE	NAME OF PROGRAM/ INSTITUTION	***** EARNED DEGREES CONFERRED ***** 1973-74 MAST	DOCT	1974-75 MAST	DOCT	1975-76 MAST	DOCT	1976-77 MAST	DOCT	1977-78 MAST	DOCT	GRADUATE ENROLLMENT 1977-78 FULL-TIME	PART-TIME	TOTAL	MANDATORY CEILING ON ENROLLMENT	CEILING LEVEL REACHED
4999	TOTAL	3	22	22	27	54	41	46	44	59	36	181	57	302		
	COUNT	11														
CATEGORY	TOTAL	37	44	62	48	83	62	92	78	79	59	429	80	655		
	COUNT	26														